

19971203.qrp v00\_n928.qrs.971203

Date: Wed, 3 Dec 1997 19:03:58 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 928

QRP-L Digest 928

Topics covered in this issue include:

- 1) [31760]  
by Osvaldo DAngelo <lu7fdz@bibliele.ros.com.ar>
- 2) [31761] Re: Antenna suggestions for low power on 40 meters.  
by "George T. Baker" <w5yr@swbell.net>
- 3) [31762] FOX Schedule  
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 4) [31763] Anyone have a '96 ARRL Handbook?  
by scicior@uswest.com (Steve Ciciora)
- 5) [31764] Thanks for QRP TTF info  
by Bill Jones <kd7s@psnw.com>
- 6) [31765] Re: 38s sideband supression help!  
by "Randy Jouett" <rjouett@hotmail.com>
- 7) [31766] GAP Vertical  
by "V.C. Angell" <angell@northernnet.com>
- 8) [31767] Fwd: FS: Kenwood TS130V + access.  
by N3BJ@aol.com
- 9) [31768] TAC-1, OHR Classic For trade.  
by "Kelly Ellison" <kelman@dialnet.net>
- 10) [31769] QRP Afield  
by "Ron Polityka" <wb3aal@talon.net>
- 11) [31770] FOX: N/T Fox Time/Date change  
by "W2MY & W2MBY" <n2mnn@spacegate.com>
- 12) [31771] 1st Fox pelt: N0UR  
by "Ken Hanks" <kennfd@ibm.net>
- 13) [31772] FoxFun  
by "Ed" <edn4pk@voyageronline.net>
- 14) [31773] FOX!  
by n4js@pobox.com
- 15) [31774] FOX Thurs night  
by "William R. Moore" <wr.moore@worldnet.att.net>
- 16) [31775] Re: FOX: N0UR Tuesday eve (Wed. AM Zulu)  
by Bill Myers <bjmyers@arc.net>
- 17) [31776] Question on Pixie II transistors  
by ka7you@juno.com
- 18) [31777] Re: Suggestions for window feed-throughs?  
by w4bws@juno.com (Donald E Sanders)
- 19) [31778] WTB: 2 M rig for packet

- by nq2rp@juno.com (B/BAMS Club Station)
- 20) [31779] Back to QRP  
by "Gene Hall" <evhall@ix.netcom.com>
- 21) [31780] More Fox stuff !!!!!  
by "Steve Hurst" <shurst@magiclink.com>
- 22) [31781] Armadillo Chase Soapbox (LONG)  
by "Owen 'OJ' Quarles" <k1oj@swbell.net>
- 23) [31782] Spartin Sprint Log Dec '97 N0TU  
by Steve Galchutt <n0tu@webaccess.net>
- 24) [31783] Argonaut 509  
by K0su@kktv.com
- 25) [31784] FOX big time now!  
by Vic Rosenthal <rakefet@rakefet.com>
- 26) [31785] Hotels  
by Norm Melick <henmel@postoffice.worldnet.att.net>
- 27) [31786] Don't forget 7030  
by "Emory R. Schley" <ERSchley@worldnet.att.net>
- 28) [31787] re: Need a regen schematic  
by k5zty@juno.com
- 29) [31788] FS or trade Ten Tec 509,405,206,208,251...  
by Lee <jcs4us@cosmoaccess.net>
- 30) [31789] W9SUL Report... December Spartan Sprint from SE Minnesota  
by W9SUL <pugrad@millcomm.com>
- 31) [31790] Re: Kanga US group hug and a question on a multimeter  
by Leon Heller <leon@lfheller.demon.co.uk>
- 32) [31791] Best way to de-flux circuit boards?  
by Scott Bauer <ke3nv@erols.com>
- 33) [31792] RE: Dan's Centennial Rig  
by FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \ (608\ ) 267-3135)
- 34) [31793] QRP Power Book Special Offer  
by "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
- 35) [31794] Re: FOX!  
by N9DD@aol.com
- 36) [31795] Holiday special- 10M  
by Bensondj@aol.com
- 37) [31796] Bill Kelsey fixed my rig, perspective.  
by MNHopkins@aol.com
- 38) [31797] Fox: n0ur Thanks!  
by Paul Helbert <phelbert@rica.net>
- 39) [31798] Fox: n0ur Thanks  
by Paul Helbert <phelbert@rica.net>
- 40) [31799] Re: Fox: n0ur Thanks!  
by Chris Cartwright <ccart@dns.vidtel.com>
- 41) [31800] K2-EleCraft  
by "Jeff M. Gold" <jmg@tntech.edu>
- 42) [31801] Re: Best way to de-flux circuit boards?  
by "Phillips Richard" <phillips@msoe.edu>
- 43) [31802] WM-series mods

- by Bensondj@aol.com
- 44) [31803] Re: Best way to de-flux circuit boards?  
by ckrelic@usaor.net
- 45) [31804] FOX: Bah Humbug!  
by Tim Ahrens <tahrens@inetport.com>
- 46) [31805] Re: Best way to de-flux circuit boards?  
by Monte Stark <ku7y@sage.dri.edu>
- 47) [31806] Re: Minnesota QRP Society meets this Saturday!  
by "Robert J. Gobrick" <rgobrick@worldnet.att.net>
- 48) [31807] MFJ 482B Memory keyer Info  
by Barry Keating <Barry.P.Keating.1@nd.edu>
- 49) [31808] Re: FOX: N/T Fox Time/Date change  
by Chris Cartwright <ccart@dns.vidtel.com>
- 50) [31809] Re: Need a regen schematic  
by Ed Loranger <we6w@qsl.net>
- 51) [31810] FOX hunting in ID  
by Randy Foltz <rfoltz@wsunix.wsu.edu>
- 52) [31811] (Repost) Straight Key Survey  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 53) [31812] Re: Change of E-Mail Address  
by KB8APS@aol.com
- 54) [31813] Snowshoe Run Teams  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 55) [31814] Snowshoe Run Rules  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 56) [31815] Ten days and counting  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 57) [31816] Ten-Tec Used Prices  
by n4so@juno.com (charles k brown)
- 58) [31817] FOX: MMN's (Way to go MD!)  
by Chris Cartwright <ccart@dns.vidtel.com>
- 59) [31818] 2N2: DSB heard in NJ!  
by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
- 60) [31819] Re: MFJ Vertical  
by Ken Newman <n2cq@comten.com>
- 61) [31820] Sound Card test equipment  
by PDouglas12@aol.com
- 62) [31821] Holiday Spirits Homebrew Sprint  
by camqrp@cyberg8t.com (Cam Hartford)
- 63) [31822] Re: keyer  
by "Randy Jouett" <rjouett@hotmail.com>
- 64) [31823] FS: UNBUILT Tejas kits  
by K5BDZ@aol.com
- 65) [31824] Test EQ programs more...  
by PDouglas12@aol.com
- 66) [31825] Re: MFJ Vertical  
by talljazz@teleport.com (Dan Presley)
- 67) [31826] RE: MMN's (Way to go MD!)

- by "Rattray, Bruce" <Rattray@siast.sk.ca>  
68) [31827] Dec 4 FOX  
by N10DL@aol.com  
69) [31828] Re: Best way to de-flux circuit boards?  
by Leon Heller <leon@lfheller.demon.co.uk>  
70) [31829] DIPOLE IS WORKING  
by kreinbd@ccgate.dl.nec.com (David Kreinberg)  
71) [31830] Re: WM-series mods  
by "Randy Jouett" <rjouett@hotmail.com>  
72) [31831] Re: Best way to de-flux circuit boards?  
by w4bws@juno.com (Donald E Sanders)  
73) [31832] FOX Report-NOUR  
by Nancy <LAGESON@worldnet.att.net>  
74) [31833] Re: FOX hunting in ID  
by Joe Gervais <vole@primenet.com>  
75) [31834] CQrp Meeting  
by Steve Bornstein <saborns@freenet.columbus.oh.us>  
76) [31835] Re: Kanga and ARRL statistic  
by haf47@juno.com (Howard Friedman)  
77) [31836] Wrong Freq. for Sat. N/T Fox!  
by "W2MY & W2MBY" <n2mnn@spacegate.com>  
78) [31837] FCC RF Exposure Regulations and the QRPer  
by "Ed Hare, W1RFI" <ehare@arrl.org>  
79) [31838] Re: DIPOLE IS WORKING  
by "Steve Hurst" <shurst@magiclink.com>  
80) [31839] Kanga QRP Book arrived  
by Paul Harden <pharden@aoc.nrao.edu>

-----  
Date: Tue, 02 Dec 1997 19:25:18 -0300  
From: Osvaldo DAngelo <lu7fdz@bibliele.ros.com.ar>  
To: qrp-l@Lehigh.EDU  
Message-ID: <199712022235.TAA04339@server.bibliele.ros.com.ar>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

unsubscribe qrp-l

-----  
Date: Tue, 02 Dec 1997 16:50:44 -0600  
From: "George T. Baker" <w5yr@swbell.net>  
To: rakefet@rakefet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31761] Re: Antenna suggestions for low power on 40 meters.

Message-ID: <348490C4.48C4@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Vic Rosenthal wrote:

>  
> George Cortez wrote:  
> >  
> > Hi folks  
> > I am wondering what would be considered an efficient antenna for  
> > foxhunting.  
> > I am limited fo a dipole on 40 meters at about 50 feet.  
>  
> This is an EXCELLENT antenna for foxhunting! It won't work so well  
> directly off the ends, but it will work in all directions to some extent  
> at that height.  
>  
> If you can put up a more complicated antenna, you could improve on this,  
> but it will certainly beat a quarter-wave vertical 90% of the time.  
>  
> Vic K2VCO

Droop the ends into an inverted-V configuration to get a more  
omnidirectional pattern. A straight dipole on 40 at only 50 ft is not  
too likely to be completely devoid of radiation off the ends anyway.

--  
73, George  
W5YR  
AutoPOWER Systems  
Fairview, TX

-----  
Date: Tue, 2 Dec 1997 22:59:52 GMT  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-1@Lehigh.EDU  
Subject: [31762] FOX Schedule  
Message-ID: <199712022259.WAA24282@chuck.dallas.sgi.com>

WEEK	CALL	DATE	TIME (UTC)	CALL	DATE	TIME (UTC)
>1	NM K50I	Oct 1	0200-0400	WI AE9K	Oct 3	0000-0200
>2	OH N8VAR	Oct 8	0000-0200	PA NR3Z	Oct 9	0200-0400
>3	AZ W7QQQ	Oct 15	0200-0400	TX W5FN	Oct 17	0200-0400
>4	AZ NQ7K	Oct 21	0200-0400	ID AB7TK	Oct 22	0200-0400
>	VE7CQK	Oct 24	0030-0230	**		
>5	CO N0TFI	Oct 28	0000-0200	MN N0UR	Oct 29	0200-0400
>6	AZ W7QQQ	Nov 5	0200-0400	CA K1MG	Nov 7	0200-0400
>7	MI K8CV	Nov 11	0200-0400	AZ KI7MN	Nov 12	0000-0200
>8	SC W2UX	Nov 18	0100-0300	OH N8VAR	Nov 19	0100-0300
>9	MN K0EVZ	Nov 25	0000-0200	KY KA8OKH	Nov 27	0100-0300
10	MN N0UR	Dec 3	0100-0300	AL KS4L	Dec 5	0200-0400
11	MI K8CV	Dec 9	0200-0400	IN N9DD	Dec 11	0100-0300
	AK AL7FS	Dec 12	0200-0400	**		
12	MD W3CV	Dec 18	0200-0400	NM K50I	Dec 19	0300-0500
13	KY KA8OKH	Dec 23	0100-0300	CO N0TFI	Dec 24	0000-0200
14	CA W03B	Dec 30	0300-0500	MD W3CV	Jan 2	0200-0400
15	NJ N2TNN	Jan 7	0200-0400	AL KS4L	Jan 9	0200-0400
16	AZ KI7MN	Jan 14	0100-0300	ID AB7TK	Jan 16	0200-0400
17	SC W2UX	Jan 20	0100-0300	NJ N2TNN	Jan 21	0100-0300
18	NC AE4IC	Jan 28	0300-0500	WI AE9K	Jan 30	0100-0300
19	IN N9DD	Feb 5	0100-0300	NM KK6MC	Feb 6	0030-0230
20	PA NR3Z	Feb 12	0200-0400	CA K1MG	Feb 13	0200-0400
21	TX W5FN	Feb 17	0200-0400	CA N6WG	Feb 18	0200-0400
	VE7CQK	Feb 20	0100-0300	**		
22	MN K0EVZ	Feb 24	0000-0200	NC AE4IC	Feb 27	0300-0500
23	CA N6WG	Mar 3	0200-0400	CT AA1MY	Mar 4	0300-0500
24	CT AA1MY	Mar 10	0300-0500	CA W03B	Mar 13	0400-0600
25	NM KK6MC	Mar 18	0030-0230	AZ NQ7K	Mar 20	0200-0400

Chuck Adams K5FO CP-60 adams@sgi.com  
<http://reality.sgi.com/adams/index.html>

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Date: Tue, 2 Dec 1997 15:47:33 -0700  
From: scicior@uswest.com (Steve Ciciora)  
To: qrp-l@Lehigh.EDU  
Subject: [31763] Anyone have a '96 ARRL Handbook?

Message-ID: <199712022247.PAA01868@sp5-316.uswc.uswest.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Md5: B+J8fFrR6WUtxKGFPHr6IQ==

I'm building the 'PC Voltmeter and SWR Bridge' on p.22.35 of the 1996 handbook, and lost my disk!! I believe the source code is a small text file. Any one willing to email/fax/postal mail me a copy? If you postal mail me a copy, I'll pay ya \$5 for your costs.

Thanks for your time!!

Steven Ciciora KB0PJF  
18312 E. Harvard Pl.  
Aurora, CO 80013  
(303) 369-9823 (Home)  
(303) 369-4447 (Fax)  
scicior@uswest.com (email)

-----  
Date: Tue, 02 Dec 1997 15:19:47 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31764] Thanks for QRP TTF info  
Message-ID: <34849792.7CD3DD03@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thank you to all those who jogged my aged memory on the exchange information for the QRP TTF contest. I am really anxious for the "outdoor" contest season to begin again. I just bought a cozy little travel trailer and am going to operate Field Day in comfort for a change.

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Date: Tue, 02 Dec 1997 16:09:33 PST  
From: "Randy Jouett" <rjouett@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31765] Re: 38s sideband supression help!  
Message-ID: <19971203000934.22872.qmail@hotmail.com>  
Content-Type: text/plain

>Mine is the same.  
>I did the original RIT mod (but with a center detent variable and no  
>switch) and the recommended revised 5 watt mod (got a tick chip but the  
>revisions to the fix of the fix for the mod to the mod on I am not sure  
>which schematic at the "top" confused me).  
>Anyhow, at one end of the tuning I transmit on one side of zero beat(  
ie  
>the null) and at the other end of the tuning I am transmitting on the  
>other side of zero beat. Set up my QRP+ and used a dummy load to  
>calibrate the dial. Made a paper "dial" with two different colors at  
>several points along the dial: first color for zero beat and second  
>color for where I need to transmit from to be heard at that frequency.  
>Did this a while ago and I probably have the transmit and receive  
shifts  
>all backwards but you get the idea. I 1)listen to both sidebands and  
>2)find the null; then 3)at one end of the dial I need to listen on one  
>side of the null and at the other end I have to listen to the other  
side  
>if I want to be on the same frequency as the other guy.  
>There may have been a mod or mods that resolve this but I haven't found  
>them, yet; built it before getting email or web access and initially  
>relied on QRPP. Borrowed web access once when it wouldn't tune.  
>Couldn't find a fix. Empirically, eventually, replaced the crystal  
which  
>cured it and much later read about the 3rd harmonic crystals.  
>Don't know if that helps but if you figure it out or understand what's  
>going on with mine let me know. Tnx.  
>72  
>de Jerry AA10F

Hi Jerry,

I could be missing something here (wudn't be the first time :)  
, but it sounds like the receiver in this rig could be a  
direct-conversion type? That is, You'll hear both sidebands (either side  
of 0 beat), but xmit will either be above or below zero-beat(fixed), so  
u'll want to nab the station either left or right of 0-beat every time.  
Am I missing something here?

Randy AB5NI

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

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Date: Tue, 2 Dec 1997 18:58:40 -0500  
From: "V.C. Angell" <angell@northernnet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [31766] GAP Vertical  
Message-ID: <103120601b0aa4e9ba102@[206.24.45.159]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I don't have an Eagle, but I have had a GAP Challenger for several years and it is the best antenna I have ever (18 yrs on this site) had up on this site. The lot is just 50 feet by about 70 feet less the alley in the back and the street widening in the front. The antenna just plain works. Before I going QRP, I had a TS-830 and worked all I heard. Now I work most of what I hear. Some DX pile ups I cannot break (more I suspect because of my 2.5 watt rig than the antenna), but aside from those it does an excellent job for me. The antenna is near a power line, wiring in the garage, and a wire fence. It amazes me it works at all in that spot -- the only spot in a tiny backyard.

"VC" KC0EM  
QRP-L # 500

-----  
Date: Tue, 2 Dec 1997 20:23:32 -0500 (EST)  
From: N3BJ@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [31767] Fwd: FS: Kenwood TS130V + access.  
Message-ID: <971202202332\_1915055391@mrin46.mail.aol.com>

Last call y'all. Will split up if necessary. Need cash for another investment.

-----  
Forwarded message:  
From: N3BJ@aol.com  
Sender: owner-qrp-l@Lehigh.EDU  
Reply-to: N3BJ@aol.com  
To: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)  
Date: 97-11-27 09:00:58 EST

For Sale: Kenwood TS130V, matching power supply and matching speaker. Includes 270 Hz CW filter (installed). This is the baby brother of the TS130 and is one of the few full featured QRP rigs ever offered commercially in the USA. Gets about 15-20 watts out (adjustable from front panel), has IF

shift, speech processing, RIT, noise blanker, etc. and can be used with matching Kenwood VF120 aux. VF0.

Works fine, in very good condition.

\$500 for the package,

Might split up

Alan, N3BJ 540-929-5216

-----  
Date: Tue, 2 Dec 1997 19:42:28 -0600  
From: "Kelly Ellison" <kelman@dialnet.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [31768] TAC-1, OHR Classic For trade.  
Message-ID: <199712030141.TAA07144@shell.dialnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hello all,

I would like to do some tradin'... I have a S&S Engineering TAC-1 80 meter rig (without Keyer) and a OHR Classic 20 and 40 meter rig with the keyer. Looking to trade for a TAC-1 40 meter rig, QRP+ or an Icom 730. If you are interested, let me know and I will send you more details. Cash price would be \$180.00 each. I am flexible so contact me at kelman@dialnet.net . I also have a MFJ-971 portable QRP tuner that matches the MFJ QRP rigs. Thank you for the use of QRP-L. I enjoy it emensly,

Kelly Ellison  
QRP-L #702  
Aurora, Missouri

-----  
Date: Tue, 2 Dec 1997 01:49:43 -0500  
From: "Ron Polityka" <wb3aal@talon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [31769] QRP Afield  
Message-ID: <01bcfeee\$789a9740\$1b5445c6@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Everyone,

Any one know if the results from the Sept. QRP Afield contest were posted anywhere? If they are posted, where can I find the results.

Thanks ahead of time!  
73, Good DXing & QRPing  
Ron de WB3AAL

E-mail: wb3aal@talon.net  
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

QRP # 5318	G-QRP # 3031	AK/QRP #309
10-10 # 13173	QRP-L # 1099	

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Date: Tue, 2 Dec 1997 20:59:53 -0500  
From: "W2MY & W2MBY" <n2mnn@spacegate.com>  
To: "QRP-L Post" <QRP-L@Lehigh.EDU>  
Subject: [31770] FOX: N/T Fox Time/Date change  
Message-ID: <01bcff8f\$255d29c0\$5a98e4d0@n2mnn.spacegate.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am scheduled to be the N/T Fox this Friday evening (Dec 6, 02:00 to 04:00 UTC). I must change it because I just found out that my Dad and I are helping to give out awards at a Boy Scout meeting for those who participated in JOTA with us. We feel this is very important because it helps kids learn about Amateur Radio.

So I am going to do something different. Since the 2nd hour usually produces few contacts, and during the week I can't make the schedule earlier because people are still not home from work on the West coast, I am going to try the 23:00 to 01:00 UTC slot on Saturday, December 6th. This is 6 to 8 PM EST. I think this does not interfere with the other N/T Fox schedules,

and will give more hunters a chance to bag me. If this time does interfere with someone else's Fox schedule, please e-mail me so I can change it. I think that the earlier time will give hunters in the East half of the USA a better chance (shorter skip), and the propagation stills looks good for the guys on the West coast during the last hour.

So cancel Friday night for the W2MBY Fox , and change it to Saturday, December 6th, 23:00 to 01:00 UTC. Frequency will be 7.0425 + or - 2 kHz. The location is NNJ, antenna is a vert 40M loop, and power will be 5 Watts.

72,

John, W2MBY

-----  
Date: Tue, 2 Dec 1997 21:19:22 -0500  
From: "Ken Hanks" <kennfd@ibm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [31771] 1st Fox pelt: NOUR  
Message-ID: <01bcff91\$de6da640\$1e7e2581@kh>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----\_NextPart\_000\_000F\_01BCFF67.F5979E40"

This is a multi-part message in MIME format.

-----\_NextPart\_000\_000F\_01BCFF67.F5979E40  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Finally, bagged my first fox. That pelt sure looks nice up on the shack = wall.

After weeks of not only not hearing the fox, but sometimes not even = hearing the hunters, I got him on the first call. He was 339 here in = CT. Of course he was hiding under a spur from my computer monitor, but = a little filtering took care of that.

73, Ken Hanks K1XS@ibm.net

-----=\_NextPart\_000\_000F\_01BCFF67.F5979E40

Content-Type: text/html;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">

<HTML>

<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =

http-equiv=3DContent-Type>

<META content=3D' "MSHTML 4.71.1712.3" ' name=3DGENERATOR>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV><FONT color=3D#000000 size=3D2><FONT size=3D3>Finally, baged my =  
first fox.&nbsp;=20

That pelt sure looks nice up on the shack wall.</FONT></FONT></DIV>

<DIV>&nbsp;</DIV>

<DIV><FONT color=3D#000000 size=3D2><FONT size=3D3>After weeks of not =  
only not hearing=20

the fox, but sometimes not even hearing the hunters, I got him on the =  
first=20

call.&nbsp;He was 339 here in CT.&nbsp;Of course he was hiding under a =  
spur=20

from my computer monitor, but a little filtering took care of=20  
that.</FONT></FONT></DIV>

<DIV><FONT color=3D#000000 size=3D2><FONT =  
size=3D3></FONT></FONT>&nbsp;</DIV>

<DIV>&nbsp;</DIV>

<DIV>73, Ken Hanks <A =

href=3D"mailto:K1XS@ibm.net">K1XS@ibm.net</A></DIV>

<DIV><FONT color=3D#000000 size=3D2><FONT =  
size=3D3></FONT></FONT>&nbsp;</DIV>

<DIV><FONT color=3D#000000 size=3D2><FONT=20  
size=3D3></FONT></FONT>&nbsp;</DIV></BODY></HTML>

-----=\_NextPart\_000\_000F\_01BCFF67.F5979E40--

Date: Tue, 2 Dec 1997 21:40:47 -0500

From: "Ed" <edn4pk@voyageronline.net>

To: "Qrp" <qrp-1@Lehigh.EDU>

Subject: [31772] FoxFun

Message-ID: <199712030239.VAA24546@earth.voyageronline.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Well its the Foxii -1...Me-2. Not too bad for a beginner at this. Must say that Jim NOUR did a fantastic job this evening. He had quite a following and if you paid attention he worked several of us below his frequency...Nice try Jim but we found you. He was a solid 579 here in Georgia on my Century21 with a homebrew 30/40 trap vertical. Now if I can just remember that a T0 keyer does not have dot and dash memory hihi....cu 72/73..Ed N4PK ..QRP-L #1307 BTW I'm still looking for a set of Brown Bros paddles (anybody ??)

-----  
Date: Tue, 02 Dec 1997 21:45:43 -0500 (EST)  
From: n4js@pobox.com  
To: qrp-l@Lehigh.EDU  
Subject: [31773] FOX!  
Message-ID: <XFMail.971202214543.n4js@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 8bit  
MIME-Version: 1.0

Well, the new GQ40 got its first fox! It was almost easy! This is a great receiver in this thing. Some idiot was tuning up, but he was dumb enough to tune zero beat on the fox, so was able to copy right through him.

Sent at 21:45:43 on 02-Dec-97  
John L. Sielke n4js@amsat.org n4js@pobox.com  
| \ | | | | \_ | | / \_ | n4js@qsl.net NJ Grid:FM29LN  
| . ' | | \_ | | | | \ \_ \_ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884  
| \_ | \ | | \_ | \ \_ \_ / | \_ \_ / QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp  
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

-----  
Date: Tue, 2 Dec 1997 20:39:43 -0600  
From: "William R. Moore" <wr.moore@worldnet.att.net>

This is a multi-part message in MIME format.

I will be your Fox on Dec. 5, 0200-0400 UTC (that's Thursday night in = the Americas). My first preference will be 7042 khz, with 7037 khz as a = backup. Rig will be an OHR 400 running 5w into an inverted vee about 35 = ft. up. I'll be using my RIT, so spread out if you can, +/- 1 khz or = so. See ya!

```
<META content=3Dtext/html;charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV><FONT color=3D#000000 size=3D2>I will be your Fox on Dec. 5, =
0200-0400 UTC=20
(that's Thursday night in the Americas).&nbsp; My first preference will =
be 7042=20
khz, with 7037 khz as a backup.&nbsp; Rig will be an OHR 400 running 5w =
into an=20
inverted vee about 35 ft. up.&nbsp; I'll be using my RIT, so spread out =
if you=20
can, +/- 1 khz or so.&nbsp; See ya!</FONT></DIV>
<DIV><FONT color=3D#000000 size=3D2>-..&nbsp; .&nbsp;&nbsp; -.&nbsp;&nbsp; =
...&nbsp;=20
```





Date: Tue, 02 Dec 1997 20:07:55 EST  
From: ka7you@juno.com  
To: QRP-L@Lehigh.EDU  
Subject: [31776] Question on Pixie II transistors  
Message-ID: <19971202.172224.10255.0.KA7YOU@juno.com>

I'm breadboarding a Pixie II, using Very Ugly construction, and am wondering what happens if it is run on 12V. I have hundreds of new resistors above 1 meg in value that just cry out for being used as standoffs for attachment points above a piece of PC board. Also I see that the 2N3904 has a higher power dissipation and takes less base-emitter voltage to saturate, than the metal cased 2N2222A, but the 2N2222A will handle a lot more current; and the 2N3904 has a higher noise figure. What do these tradeoffs mean if one wants to substitute the 2N2222A in place of the 2N3904? I can provide a heat sink on the 2N2222A (metal can) a lot easier than the plastic 2N3904, and I have a lot of 2N2222A's. Back to winding toroids...  
7 3,

Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz  
(3456MHz still in the wings)

-----  
Date: Tue, 02 Dec 1997 21:03:10 EST  
From: w4bws@juno.com (Donald E Sanders)  
To: mulveyr@frontiernet.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [31777] Re: Suggestions for window feed-throughs?  
Message-ID: <19971202.221528.2095.0.W4BWS@juno.com>

Rich, I have used the window glass and found it can be cut with heavy shears and drilled with a sharp bit, in graduated steps, but it has to be under water in a big pan to distribute the forces over the surface of the pane. Please use a battery drill- we don't need to lose any QRP'ers. Try it with a scrap piece of glass for practice, use some cushioning under the glass, don't drill the bottom of the pan. I have used this technique to cut new glass for meter faces, I have scored the glass with a circle cutter and a glass cutter wheel, then under water finished the job. Good luck, and use care.  
Donald E. Sanders W4BWS  
694 E. Eau Gallie Blvd. Satellite Beach, FL 32937  
407-779-0222 Fax 407-779-0830  
E-mail to w4bws@juno.com

My favorite QRP rig glows in the dark

On Sun, 30 Nov 1997 17:02:02 -0500 (EST) Rich Mulvey

<mulveyr@frontiernet.net> writes:

>Hi All:

> Now that I have entirely too many coax and ladder-lines coming into  
>my basement, I'm trying to come up with a better feed-through material.  
>

> Currently, I have replaced the glass on one of my swing-out basement  
>windows with Lexan, and have a bunch of SO-239 bulkhead connectors for  
>the feed-throughs. Unfortunately, the Lexan tends to crack when cold,  
under

>moderate stress ( Like when I start moving patch cables around... )

>Anyhow, I'm looking for at least one of the following:

> o A source of \*THICK\* Lexan sheets ( Where thick  $\geq 1/4"$  )  
> o A replacement material that is clear ( translucent is OK, though.  
)

> and can stand up to a fair amount temperature extremes, and can  
> be drilled.

> Any suggestions?

> Rich Mulvey

>mulveyr@frontiernet.net

Rochester, NY

>USA

><http://www.frontiernet.net/~mulveyr>

>Amateur Radio: aa2ys@amsat.org, aa2ys@wb2wxq.#wny.ny.usa

>

>

-----  
Date: Tue, 02 Dec 1997 21:36:39 EST

From: nq2rp@juno.com (B/BAMS Club Station)

To: qrp-1@Lehigh.EDU

Subject: [31778] WTB: 2 M rig for packet

Message-ID: <19971202.213541.2159.0.nq2rp@juno.com>

Not strictly QRP, but the B/BAMS club, in addition to the beacon on 10  
Meters also runs a packet BBS, and we need a better radio.

We are looking for a 10 - 25 watt (!!!) 2 Meter FM rig for the packet.  
Maximum TX current drain of 4 Amps on High power if possible. We would  
need one that is frequency-agile, not Xtal controlled, and with a good  
turnaround time on the T/R.

Some radios that come to mind are the following:

Kenwood: TR-7730

TR-7600/7625  
TR-7400  
TR-7930  
TM-2530  
TM-201

Icom: IC-27A  
IC-28A  
IC-228A  
IC-229A

Yaesu: FT-230  
FT-211  
FT-212

Alinco: DR-1200

As you can see, some of these are a bit old & clunky, but will do just fine for packet. Fancy bells & whistles aren't needed, just a reliable radio for continuous duty here at the club...

What do you have collecting dust? Drop us a line if you would like to part with it...

72/73, Keith, WB2VU0 at the keys at B/BAMS  
NQ2RP - QRP-L # 1294,  
Byron/Bergen Amateur Microwaves System Club Station  
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz  
"Our night light runs more power than our Rig!!!"

-----  
Date: Tue, 2 Dec 1997 22:41:34 -0500  
From: "Gene Hall" <evhall@ix.netcom.com>  
To: <QRP-L@Lehigh.EDU>  
Cc: <EVHALL@ix.netcom.com>  
Subject: [31779] Back to QRP  
Message-ID: <199712030339.VAA08496@dfw-ix15.ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Greetings All,

I'm a newcomer to the QRP list but have already found the discussions interesting and informative.

I used to operate QRP during my college days first with a homebrew crystal controlled 40 meter transmitter using a 2N697 oscillator driving a 2N697 final. (Guess that device dates me) The coils were wound on paper forms made from several layers of notebook paper strips wound around a 1/2" drill bit then taped to hold their shape. Paying for college yourself makes you creative.

>From there I went to a HW-8 then a Ten Tec Argonaut.

Now after a number of years away from QRP operation I've realized how much I've missed the fun and am ready to get back into it.

I have a Ten Tec Scout that I can turn down to 5 watts but that's really my mobile rig and the power requirements are kind of prohibitive for portable operation so I'm looking around for a CW QRP rig.

I prefer to build so I've been looking at the kits available. One that caught my eye is the NORCAL Sierra currently being offered by Wilderness Radio. I like the multi-band capabilities and the use of plug-in modules for changing bands doesn't bother me.

So now to my question, can any of the list members give me a rundown on your experience with the building and operation of this rig?

Have you experienced any significant problems with the rig?

Would you buy it again?

73 es TNX,

Gene - WA4HHP  
evhall@ix.netcom.com

-----  
Date: Tue, 2 Dec 1997 21:08:33 -0700  
From: "Steve Hurst" <shurst@magiclink.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [31780] More Fox stuff !!!!!  
Message-ID: <199712030406.XAA55144@nss4.cc.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Fox gang and gangett's

Worked Jim tonight at 0148 !!! I was there from the beginning , and I must say, Jim did a fantastic job !! What a pileup, have'nt heard this much ratteling of the ionosphere since I worked D44BC on 40 SSB !!!! Is Ron ( KU7Y ) out at the end of my ten acres camping out ?? About blew me eardrums out !!!! What was it this time Ron .31 mmmmmW ???? Doing great whatever the pwr was !! :- ) Seed them thar clouds more man !!! We need snow here so's I can ski !!!!!

When things started to cool down for Jim and after he worked the \*big guns\* , he worked me ! :- ) TNX Jim for pulling me out of that !! I think that makes 5 foxii for me this season on the GND mounted vertical with no radials, no gnd rod and 5 watts from the TS-430s !! Don't ask me why it works, it just does !! Course I keep a trying too :- ) !! Calls heard , K50I strong, K2VCO loud , loud, loud !!! AB7TT, not stonge here , guess he's too close. Had to go check out my Xmas lights on the house, that I've been working on this week. Threw Laurie and Spike in the car and drove down the road so's we could see how they look from a distance. Looks like a Xmas tree all lit up !! Gonna add more tomorrow, where is them fuse's anyway ??? Tnx guys , see ya in the pileup's !!!

73,  
Steve Hurst  
KA7NOC ( southern Idaho )  
<http://www.magiclink.com/web/shurst>  
[shurst@magiclink.com](mailto:shurst@magiclink.com)

-----  
Date: Tue, 02 Dec 1997 21:32:55 -0600  
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>  
To: qrp-l@Lehigh.EDU  
Cc: WA5MLT <wa5mlt@flash.net>  
Subject: [31781] Armadillo Chase Soapbox (LONG)  
Message-ID: <3484D2E7.3CB8@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Howdy from Texas Y'all.  
Well I have finished tallying the results of the contest. First of all let me say thanks to all the participants and for all the good responses.  
Here is the Soapbox comments. The results will be posted shortly.

K10J/KR5DX/QRP  
OJ..

-----  
K5ZTY 'ZED'

I didn't get a 'Z' on my name sheet.

KA3WMJ 'KEN'

More and more QRP contests each month and I have a ball being in them.

KB9LGJ 'TIM'

Enjoyed the contest, at least until the mercury vapor light came on in the back yard. Was only able to hear the strongest stations in the QRN.

KBOWQT 'JAN'

Had fun, even if I was exhausted from working emergency ops for the Blizzard of 97. The kids kept having to wake me up by yelling "yeeeehaaaaaa"!

VE3ELA 'KEN'

Thanks for a great contest, had a ball! Was good to hear so many Texans on, and to be able to work them.

N4ROA 'DAN'

Another enjoyable (rainy, stormy, QRN) sunday afternoon.

W5VBO 'BRIAN'

Tejasians: Please do this again! Great fun, right duration, Thanks. I don't care what those NM folks say, you flatlanders are okay.

AB7MY 'GARY'

I started at 2135z and had a 30 minute phone call interruption from my mom like Joe, AB7TT. Also had the usual QRM from my 4 yr old daughter, April. Hope everyone had as much fun as I did. Where was CA, WA, UT, and NM?

AL7FS 'JIM'

Propagation was nearly non-existent. Note that all Qs were in the NV, CO, AZ arc or areas.

AB7TT 'JOE'

I had a mere 15 minutes at the end of the contest to work as many critters as I could. Terrible score, but a 'great' QS0/hr rate. Thanks again for the 'diller fun! Next time I promise I won't answer the phone before the contest. Certainly not if there's a chance that it's a relative looking to talk for hours on end.....

N1FN 'MARSHALL'

Lot's of fun, especially the "bonus" qso's with Panama and Costa Rico stations on the higher bands. Hope you do it again, and thanks for inspiring the CQC Snowshoe Run!

WA8GHZ 'JACK'

I certify that I hardly ever cheated as far as I can tell.

WB9HFK 'MARK'

I had a great time, and will look forward to doing it again...  
I am having a blast being back on HF, and especially with QRP.

K5NZ 'GONZO'

Had fun operated about 2 hrs.

N2CQ 'KEN'

Glad to see the Yahoos chasing 'Dillers. (Or is it the other way around?) Missed them on the ARCI Fall QP. Couldn't be on for very long (1 hr) but plenty of interest. I hope the 'Chase' keeps going many years to come.

KE4IZH 'RICK'

Thanks for putting on the event, I had a great time! Do I get any extra points for being a displaced Texan? Born in Spur, left Lubbock in '78 to join the Navy.

KU7Y 'RON'

Wow, a hand full of Dillers and a Fox, all just before SS!!

--

-----  
OWEN'OJ'QUARLES <k1oj@swbell.net>  
HOUSTON, TEXAS QRP-L #732  
ARCI #9492 AR QRP #64 CQC #476  
CW OR CB, ITS YOUR CHOICE!

-----  
Date: Tue, 02 Dec 1997 21:37:32 -0700  
From: Steve Galchutt <n0tu@webaccess.net>  
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>  
Cc: russ@natworld.com  
Subject: [31782] Spartin Sprint Log Dec'97 N0TU  
Message-ID: <3484E207.1486@webaccess.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

In an earlier post I stated I thought I worked 8-10 in the Spartina Sprint... well, I stand corrected I only worked 7 of you guys, but it was still major FUN! I was one of those 'never-evens'. Actually this was my second real contest (FYBO '97 being my first)...Let me tell ya...It was a real thrill!

Here's my log:

OTH was home in Monument, CO

worked 40 meters only 7037-7045

Antenna 40m Delta Loop vertically polarized - hung on NS axis/beaming EW @ 40'

W9SUL	589	MN	5w	Loud sig hard to believe he was QRP!
WE6W	559	CA	3w	QRM almost lost Ed...we kept it up till we QSLed
AA7QU	559	OR	4w	very consistent sig during the entire SP time
K4WZ	559	GA	5w	surprised me when he came back to my 1w
N4ROA	549	VA	2w	what was he using for antenna - good sig for 2w!
K0EVZ	559	MN	5w	Doc was hammering into CO agn
N6WG	559	CA	4w	CA was rolling at times

Also heard: NF0Z, N0BS, AA4?? and some others that I can read my own chicken scratches

My Station consisted of:

-----	
SW40-NN1G w/K8EL keyer	.5
Gelcell battery 1.2AH	1.2
HB antenna tuner	1.3
Whiterock paddles	.1
earbud headphones	.1
-----	
TOTAL	3.2 lbs

One observation is I've got to cut down on the weight of the antenna tuner or maybe bag it and use a dipole or 50 ohm antenna!

Or about 2.2 QSOs per pound I think?

But more like a TON of FUN! ;-)

--

CUL Steve/n0tu . .

Solar powered QRP/CW

Monument, CO.....email:N0TU@webaccess.net

-----



Date: 2 Dec 1997 21:52:10 -0700  
From: K0su@kktv.com  
To: qrp-l@Lehigh.EDU  
Subject: [31783] Argonaut 509  
Message-ID: <199712030447.XAA110768@nss4.cc.Lehigh.EDU>

Can anyone tell me a fair price for an Argonaut 509 in very good condition? A friend has one I am considering buying, but neither of us is sure what it is worth.

Tnx & 73,  
Rick  
K0SU  
Colorado Springs, CO  
CQC #100 -- QRP-L #539  
www.qsl.net/k0su

-----  
Date: Tue, 02 Dec 1997 21:15:48 -0800  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31784] FOX big time now!  
Message-ID: <3484EB04.79B8EB36@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, must have been that QST article. After battling the pileups this weekend in the CQ WW, here it is Tuesday night and 5V7A had nothing on NOUR! BIG pileup tonight on Jim, and many new calls in there as well. Jim was very strong here, so I thought it would be a piece of cake...NOT! It was a real struggle, and Jim did a fine job. Sounded like he was jumping back and forth, first working somebody above his frequency, then below.

Seemed like CW speeds are getting higher, too. This Fox Hunt is one of the best things that have happened to CW since the W9TO keyer.

Vic K2VCO

-----  
Date: Tue, 02 Dec 1997 21:35:31 -0800  
From: Norm Melick <henmel@postoffice.worldnet.att.net>

To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [31785] Hotels  
Message-ID: <3484EFA3.E6692B57@postoffice.worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Where do the QRP'ers stay while at Dayton? I'd like to stay in the motel that the group is staying.

Thanks alot,

Norm

-----  
Date: Wed, 03 Dec 1997 01:48:05 -0500  
From: "Emory R. Schley" <ERSchley@worldnet.att.net>  
To: qrp-l@Lehigh.EDU  
Subject: [31786] Don't forget 7030  
Message-ID: <348500A5.4956@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For those who find the RTTY at 7.040 too much to contend with, don't forget the European QRP frequency is at 7.030, and with the sunspots and propagation going up, you just may be able to snag a European station or two! Great opportunity for that 1,000 Mile Per Watt award you've been lusting for...!  
--

```
=====
|                               Emory R. Schley - N4LP                               |
|                               EL88WX - 10-10 # 49984 - QRP-L #425                     |
|                               ARCI #5962 - M-QRP-Club #405 - scQRPions #34           |
|                               Former Editor, "The Five-Watter," Michigan QRP Club     |
|                               -+--+--+                                             |
|                               ERSchley@worldnet.att.net   OR   ERSchley@cyberdude.com  |
|                               -+--+--+                                             |
|                               dahdahdididit didididahdah                         |
|                               SRI: dahdahdididit didididahdah isn't symmetrical enough to my ear! |
|=====
```

-----  
Date: Tue, 02 Dec 1997 23:59:37 EST  
From: k5zty@juno.com  
To: qrp-1@Lehigh.EDU, pharden@aoc.nrao.edu  
Subject: [31787] re: Need a regen schematic  
Message-ID: <19971203.050539.4631.0.k5zty@juno.com>

Paul and the group,

I read, or tried to read, the schematic that you posted on the regen radio. I have studied that drawing several times and I can't for the life of me make any sense out of it. I think it is the Pipsqueak circuit that you have published before but I still can't follow it.

One of the other members of the list apparently read and understood it because he commented about the details of the circuit. I have seen other schematics posted like that and other people seem to understand them. I would like to know how to interpret them. What is the code??

Thanks and 72,  
Bill, K5ZTY  
Houston, TX  
k5zty@juno.com

-----  
Date: Tue, 02 Dec 1997 22:05:27 -0800  
From: Lee <jcs4us@cosmoaccess.net>  
To: qrp-1@Lehigh.EDU  
Subject: [31788] FS or trade Ten Tec 509,405,206,208,251...  
Message-ID: <3.0.3.32.19971202220527.00687b28@cosmoaccess.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello There,

I have for sale a Ten Tec 509 with the following:

405 linear amp.  
206 crystal Cal.  
208 CW filter.  
251 Power supply.

All in very very excellent condition.. Will sell all separate if I have buyers for all the pieces. \$500.00 for all or trade or offer???

-----  
- 38-S Index QRP+ TenTec 515, Corsair Kenwood TS-680S, TS-120V --

-----  
You can meet me and forget me and you have lost nothing....

But if you meet Jesus and forget Him you have lost everything...

<>< <>< <>< <>< <>< <>< <>< <>< <>< <>< <>< <>< <>< <>< <>< <><

Date: Wed, 3 Dec 1997 00:14:57 -0600 (CST)  
From: W9SUL <pugrad@millcomm.com>  
To: "QRP-L --> Post to list" <QRP-L@Lehigh.EDU>  
Cc: "Russ (AA7QU) Carpenter" <russ@natworld.com>  
Subject: [31789] W9SUL Report... December Spartan Sprint from SE Minnesota  
Message-ID: <Pine.GS0.3.95.971202234111.6815A-1000000@midas.millcomm.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Things started out great here in Southeastern Minnesota... but slowed down after the first hour. I could hear the signal levels drop'n. Worked 40 meters for the first hour and a half... then switched to 80 meters.

Total contacts... 12 keepers (1 lost) = 11 on 40m & 1 on 80m

40 meters (first 90 minutes)

N2VPK	599	NY	4w	
N0TU	589	CO	1w	good signal both ways
N4UY	579	VA	5w	
WA1QVM	569	MA	4w	
K0YO	569	CO	5w	
N2WF	579	NJ	5w	
WZ2T	559	NY	5w	
KU7Y	339	NV	5w	
K0EVZ	599	MN	5w	2 miles across the valley
W3YK	559	NM	5w	
AB7TK	339	ID	2w	

80 meters (last 30 minutes)

WD8RIF	449	OH	5w	he got my call but not the exchange, but I had 'good' copy on him... don't count this one
WB0WQS	559	MO	5w	got him at his "peak" signal (waiting game)

Equipment list... "super" heavyweight class!!!!

OHR-400 at 5 watts  
OHR WM-1  
MFJ 971 QRP tuner  
Atomic 1 keyer  
Ten Tec 607 paddle keyer  
MFJ clock for UTC  
Garden tractor starting battery  
Temporary 51' dipole fed with TV twinlead at 15 ft  
Operating position... the kitchen table

-----  
Soapbox comments...

As usual had a great time... nice to hear familiar calls but have the opportunity of working so many new ones also.

See you all in January...        72    Dave - W9SUL

```
*****
*                                     *
*  72 / 73  W9SUL   Dave Cary   Rochester, MN   (ex KG0ZT)   *
*                                     *
*               ARRL VE       QRP-L # 979,  NorCal # 1714   *
*                                     *
*               pugrad@millcomm.com                           *
*                                     *
*                                     *
*****
```

-----  
Date: Tue, 2 Dec 1997 23:43:32 +0000  
From: Leon Heller <leon@lfheller.demon.co.uk>  
To: cyee@bidmc.harvard.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [31790] Re: Kanga US group hug and a question on a multimeter  
Message-ID: <m8JtJHAK0Jh0Ew3f@lfheller.demon.co.uk>  
MIME-Version: 1.0

In message <12021997132319.3N330T@email.bidmc.harvard.edu>, Conway Yee  
<cyee@bidmc.harvard.edu> writes  
>Well..Since we are doing a group hug...  
>  
>I would have to concur with the others opinions about Mr. Kelsey  
>and Kanga US. I picked up an RTX210 kit in three orders. Mr.

>Kelsey was VERY helpful. While it took quite awhile for my order  
>to come in, he was more than willing to keep me apprised on how  
>my order was doing; it took quite awhile to get the parts in from  
>England. He was also very helpful in working with me in getting  
>some parts that I needed that he did not sell.  
>  
>In another note...  
>I have a Fluke 87 which is beginning to show some minor problems.  
>On one of the digits, the LCD on two to three segments doesn't  
>come on like it is supposed to. It is VERY poorly visualized and  
>only and a very steep angle. I guess it is due to some poor  
>solder joint somewhere but when I look inside the case, I don't see  
>what I can do to examine what it could be...Any ideas?  
>  
>tnx es 73 de Conway Yee, N2JWQ  
>

Some time ago I saw a posting to one of the electronics newsgroups about this. As I recall, the problem is caused by the elastomeric contacts on the display becoming oxidised, and cleaning them cures the problem.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>  
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424  
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a  
low-cost reconfigurable computing module using the XC6216 FPGA

-----  
Date: Wed, 3 Dec 1997 02:32:54 -0500 (EST)  
From: Scott Bauer <ke3nv@erols.com>  
To: qrp-l@Lehigh.EDU  
Subject: [31791] Best way to de-flux circuit boards?  
Message-ID: <199712030732.CAA27492@smtp3.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Group,  
What do clean your circuit boards with??  
I have recently made a request to Mike Czuhajewski to put the best way to deflux a circuit board in his "Idea Exchange" column of the QRP Quarterly. My reason for this request is that I have built several kits and some do not mention how to clean a board. Some say to use denatured alcolhol which leaves a really yukky white film residue. Another sais to use

finger nail polish remover which I have been told leaves a oily residue on the board and I agree as the smell is very nice when you solder after cleaning with it ;-)

If there are any suggestions for de-fluxing circuit boards, please send them to the QRP list so Mike can review them and put the results in his Idea Exchange column of the Quarterly newsletter for the folks without email to read.

Scott

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV

Founder and trustee of W3DV, Woodwardville ARC, "the WARC"

A local club for the QRP enthusiast

visit my web page at <http://www.erols.com/ke3nv/>

G-QRP 8773

QRP-L 728

NORCAL 1094

DL-QRP-AG \*GM\*

CQC 352

QRP ARCI-8804

scQRPion 38

AR-QRP 27

WARC QRP Club

CW OPERATORS QRP CLUB 484, FISTS, ARRL

-----  
Date: Wed, 3 Dec 1997 05:56 CST

From: FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \((608\)) 267-3135)

To: jmg@tntech.edu

Cc: qrp-l@Lehigh.EDU

Subject: [31792] RE: Dan's Centennial Rig

Message-ID: <009BE3389A796F54.A020@dnr.state.wi.us>

Hi Jeff (et. al.)

I have built one of the 75m Centennial rigs sold by Dan's Small Parts. The rig was designed by Paul Daulton (K5WMS) and Dan has just released a 20 m version as well. The 75m version covers the entire 75/80m band and can be modified for CW use (CW mode requires manual T/R switching and sidetone injection to create the CW signal but these can be fed in from a keyer via a 1/8" stereo plug). It is a nice kit with lots of space on the circuit board. I was using mine just this weekend on a local 75m net and received good signal reports.

There were some occational problems with drift on my unit but I have remedied that with some help from Paul (I may not have wound the VFO coil correctly). My drift is now at about -8 Hz per minute after warm-up. You need to provide a microphone but a RS condenser mike or an amplified CB mike will work fine (instructions include directions for hooking up a microphone).

The circuit does not have an AGC but one of the early builders has designed an audio derived AGC. Ask Dan for a copy of the AGC modification when you order the kit (if you chose to do so).

No connection w/ Dan's other than I have bought a lot of stuff from him.

73 de N9WR, Don C. Faith

-----  
Date: Wed, 3 Dec 1997 12:20:42 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>  
To: qrp-1@Lehigh.EDU  
Subject: [31793] QRP Power Book Special Offer  
Message-ID: <199712031224.HAA08827@sparticus.bright.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

The books arrived late yesterday afternoon - They are being shipped Priority Mail today.

The book has a complete xcvr using 2N2222 equivalent transistors.... along with a LOT of other excellent QRP construction info.

For those of you that missed the offer - I ordered extras, so you can still get the book at the offer price - \$12 and I pay the shipping costs; check, MO, VISA/MC to:

Kanga US  
3521 Spring Lake Dr.  
Findlay, OH 45840

I will be in Texas next week, so I will not be shipping any orders til the following week if they are received after Thursday.

73 - Bill - N8ET  
Kanga US  
kanga@mail.bright.net  
<http://www.bright.net/~kanga/>  
419-423-4604

-----  
Date: Wed, 3 Dec 1997 08:07:30 -0500 (EST)  
From: N9DD@aol.com



To: n4js@pobox.com  
Cc: QRP-L@Lehigh.EDU  
Subject: [31794] Re: FOX!  
Message-ID: <971203080729\_362522525@mrin41.mail.aol.com>

In a message dated 97-12-02 22:58:39 EST, you write:

<< Well, the new GQ40 got its first fox! It was almost easy! This is a great receiver in this thing. Some idiot was tuning up, but he was dumb enough to tune zero beat on the fox, so was able to copy right through him. >>

Hi John

You might want to check the power out on your new rig. There is no way, with the signal I heard from you last night, that you were running QRP :-) It sounded like at least 100 Watts. I can only hope that you sound as good on my stint as fox next week.

Actually, there were alot of strong signals from stations calling the fox. Unfortunately, I couldn't hear the fox at all and missed this one.

Great job with the new rig!

73,

Tom N9DD  
South Bend, IN  
Coming soon to a foxhunt near you

-----  
Date: Wed, 3 Dec 1997 08:42:03 -0500 (EST)  
From: Bensondj@aol.com  
To: qrp-l@Lehigh.EDU  
Cc: Bensondj@aol.com  
Subject: [31795] Holiday special- 10M  
Message-ID: <971203084203\_-1605962235@mrin43.mail.aol.com>

Hi gang-

Rick Zabrodski (VE6GK) wrote:

> How about a norcal kit for 10 meters to take advantage of the soon  
> to be much better propagation? CW or SSB would be fine....both would  
> be fantastic!

My GM-series of CW transceiver board kits includes a 10-meter version.

From now through December 24th, the GM-10 will be available for \$65 postpaid (US/Canada). There are a number of these now in operation successfully and users are reporting good results.

Please feel free to contact me if you need further information on the GM-series.

73-

Dave Benson, NN1G  
Small Wonder Labs  
80 East Robbins Ave  
Newington, CT 06111

-----  
Date: Wed, 3 Dec 1997 08:47:13 -0500 (EST)  
From: MNHopkins@aol.com  
To: QRP-L@Lehigh.EDU  
Subject: [31796] Bill Kelsey fixed my rig, perspective.  
Message-ID: <971203084713\_868164412@mrin83.mail.aol.com>

I bought the first over 6M Kanga TX kit from Kanga. It is a 3 TR affair of novel design that has been in service as a beacon at 50.067 for over two years but it did not work. I sent it back, allowing that he had no duty to fix it at all. Seems it was a tantalum cap I put in backward. I did not know then that the things had polarity as I am from a strongly v. tube background where caps are BIG.

Anyway, he cheerfully fixed it and tactfully pointed out the error. It caused me to get and start using a magnifier.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58  
Michael Hopkins  
Box 226841  
Dallas, TX 75222 MNHopkins@AOL.com

-----  
Date: Tue, 02 Dec 1997 20:50:50 -0500  
From: Paul Helbert <phelbert@rica.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [31797] Fox: n0ur Thanks!  
Message-ID: <3484BAF9.58AB324E@rica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Last night I decided to make up some short cables for a portable station, so I was in the shack concentrating on that task. I had tuned up and checked the band from 7.036 to 4.044 early on and heard no fox nor hounds. Left the rig on at around 7.042 with the static down low. At about 0210 UTC the fox caught my attention with CQ QRP FOX! He was loud, clear and apparently begging for contacts. The pipe line was from here to there because I heard few hounds. I stopped my soldering, programmed his rst into my keyer and sent my call. Got him on the third try. Five minuets later he had faded away.

What's significant about this? A few months ago I would have had to be at the radio with the phones on my head and pencil in hand to make sense of what I heard. This time it was as if someone called my name in a crowded room. I knew what I had heard and redirected my attention to it. That's a mile stone. You folks assembled here are responsible. Thanks!

73,

Paul, Wv3j

-----  
Date: Tue, 02 Dec 1997 21:12:00 -0500  
From: Paul Helbert <phelbert@rica.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [31798] Fox: n0ur Thanks  
Message-ID: <3484BFF0.89FB7816@rica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

By the way, Jim, my excitement explains the rst I sent you! That first six is "readable across the room while working on something else."

Sorry about that.

Paul, Wv3j

-----  
Date: Wed, 3 Dec 1997 10:25:15 -0500 (EST)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [31799] Re: Fox: n0ur Thanks!  
Message-ID: <Pine.LNX.3.93.971203101620.1812A-1000000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Dec 1997, Paul Helbert wrote:

> of what I heard. This time it was as if someone called my name in a  
> crowded room. I knew what I had heard and redirected my attention to  
> it. That's a mile stone. You folks assembled here are responsible.

Seconded! For 20 years I was a "no-license" ham (read that as "wannabe")  
I finally buckled down and got my Tech 18 mos ago. Because of this group  
I'm now and Adv and looking at Extra in the next few months, and operate  
almost exclusively CW. That seemed impossible to me before jumping in  
here. Last year I hunted the N/T fox and \*might\* have heard one. This  
year I've got 3 G+ pelts and 2 N/T skins. Thanks gang, couldn't have done  
it without ya'... Havin' fun... 72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE QRP WAS 27/10(w/c) | http://dns.vidtel.com/~ccart --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? --

-----  
Date: Wed, 03 Dec 1997 08:24:05 -0600  
From: "Jeff M. Gold" <jmg@tntech.edu>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [31800] K2-EleCraft  
Message-ID: <34856B85.E87DD97F@tntech.edu>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Anyone hear any updated news about the kit? especially suspected price range.

72

Jeff, AC4HF

--

Jeff M. Gold, Manager  
Academic Computing Support  
Tennessee Technological University  
(615)372-3979

-----  
Date: Wed, 3 Dec 1997 08:25:12 -0600 (CST)  
From: "Phillips Richard" <phillips@msoe.edu>  
To: Scott Bauer <ke3nv@erols.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31801] Re: Best way to de-flux circuit boards?  
Message-ID: <Pine.OSF.3.96.971203082238.19034C-1000000@torres.msoe.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Acetone, which is the major ingredient of nail polish remover. Nail polish remover also has oil added to prevent drying the skin. Acetone will remove flux from 15 year old circuit boards. Try that with alchohol:^(  
73 Rich AA9L

Richard Phillips  
Lab Technician  
Milwaukee School of Engineering  
414-277-7388, phillips@msoe.edu

-----  
Date: Wed, 3 Dec 1997 09:43:47 -0500 (EST)  
From: Bensondj@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [31802] WM-series mods  
Message-ID: <971203094345\_1140517136@mrin47>

gang-

(I'm joining this thread belatedly thanks to AOL's special e-mail 'lottery' feature.) ; -)

>>I would be interested in all mods and comments by Marty on the WM-20.  
>I have a WM-75 and have modified it myself with the kind help of NN1G.  
>Especially the AGC design was not to my liking. I also changed the  
audio characteristics of the modulation amp. I wonder what Marty has done  
>to his WM-20.

Marty's writeup deals with modification of the WM-series for CW operation-  
thanks to Randy for pursuing that.

Arjen and I corresponded quite a bit after he built one of the  
early-vintage WM-75s. We both modified our WM- AGC circuitry to provide IF  
gain control instead of the AF gain control on the original release. This  
significantly improved the strong-signal audio quality. I re-laid out the WM  
board to incorporate the changes; these are included in the boards marked  
"SWL 3/97".

\* If you have one of the earlier versions, check the value of AGC holding  
cap (Q16 gate-to-ground). It should be a 1 uF value instead of the 0.1 uF  
shipped in the earliest units.

\* The modulation quality change involves replacing the 47 uF AF coupling cap  
at the output of U6-B (pin 7) with a 10 uF value. This reduces the audio  
low-frequency response and better tailors the transmitted audio for SSB  
operation.

Thanks for the bandwidth.

73, Dave - NN1G

-----  
Date: Wed, 03 Dec 1997 09:58:30 -0500  
From: ckrelic@usaor.net  
To: ke3nv@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [31803] Re: Best way to de-flux circuit boards?  
Message-ID: <34857393.316DA8CC@usaor.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Scott Bauer wrote:

> Hello Group,  
> What do clean your circuit boards with??  
>  
>

Maybe this is over kill but I use Solvent Flux Remover with an acid brush  
then spray Electro-Wash on it and wipe it off with wipe Qtips  
making it look  
professional.

These two products are Trichlorotrifluoroethane, Dichloromethane  
and Trichlorofluoromethane, which are to be used in well vented  
area.

No Radio Shack does not sell these items -:)

72 Curt  
Ka3ivb

-----  
Date: Wed, 3 Dec 1997 09:09:19 -0600  
From: Tim Ahrens <tahrens@inetport.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31804] FOX: Bah Humbug!  
Message-ID: <199712031508.JAA13965@admin.inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: quoted-printable

Hey, howcome I'm here at 0303, & no fox to  
be found?... hmmm this sinking feeling with a  
little memory tug..didn't I get a mail from  
Chuck about a time change?? Lemme see..oh-oh  
guess that's why I don't hear the baying of=20  
the hounds.

Had a FD meeting.. election night & it drug out  
a little longer than normal. Got home about  
10 till 0300 & got the kids to bed. Headed out=20  
to shack & flipped on the rig. nada!

Sounds like Jim had quite a night! Congrats to

all the hunters!

cu

Tim W5FN=

-----  
Date: Wed, 3 Dec 1997 07:14:01 -0800 (PST)  
From: Monte Stark <ku7y@sage.dri.edu>  
To: Scott Bauer <ke3nv@erols.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [31805] Re: Best way to de-flux circuit boards?  
Message-ID: <Pine.SUN.3.90.971203071154.18620A-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Scott,

I also use Acetone for board cleaning.

Sometimes I will follow that with soap and water and a good drying.

Guess I should mention that I still use the "normal" solders. Some of the newer ones might need something else for cleaning.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Wed, 03 Dec 1997 09:14:21 -0600  
From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>  
To: "Claton Cadmus" <aplitech@Spacestar.Net>, "QRP-1" <qrp-1@Lehigh.EDU>, "MNQRP" <mnqrp@qth.net>  
Subject: [31806] Re: Minnesota QRP Society meets this Saturday!  
Message-ID: <3.0.32.19971203084024.00c89488@postoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"



Hi Gang,

Won't be able to make Dec meeting - will be working in Kazakstan in preparation for the MN-QRP team effort for FYBO..

Have a good meeting - cheers 73/72 Bob N0EB

PS: Claton - will anyone be taking notes from meeting for MNQRP-L posting? (start of newsletter??)

At 03:20 12/2/97 +0000, Claton Cadmus wrote:

>The Minnesota QRP Society meets this coming Saturday. The meeting will be  
>at 1:30pm December 6th located at the Minnetonka Community Center. Lot's  
>of stuff on the agenda and a program on Ni-Cads and Gel Cell charging and  
>scrounging. Batteries are free if you know where to look!

>

>Directions to the Center:

>

>Exit 494 at Minnetonka Blvd. (just south of 394) and go west to Williston  
>Road (less then 1/4 mile) and turn right(north). The Community Center is  
>the first building on your right. Plenty of parking right there. If you  
>need talk in, we will have someone on the 145.45 repeater.

>----

>73 de KA0GKC Claton Cadmus

>E-mail cla@spacestar.net

>If you live in Minnesota check out this webpage!

><http://www.qsl.net/mnqrp>

>

-----  
| PLEASE NOTE NEW EMAIL ADDRESSES - PLEASE REPLY TO BOTH ADDRESSES |

| Bob Gobrick - N0EB & V01DRB (ex WA6ERB, VE2DRB) Stillwater, MN |

| Internet: rgob@tengizchevroil.com |

| AND Internet: rgobrick@worldnet.att.com |

-----  
Date: Wed, 3 Dec 1997 10:32:59 -0500

From: Barry Keating <Barry.P.Keating.1@nd.edu>

To: qrp-l@Lehigh.EDU

Subject: [31807] MFJ 482B Memory keyer Info

Message-ID: <v03007805b0ab2b1e75c7@[129.74.86.74]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Group:

I need some keying help for the foxhunts and the weekend contests (and Saturday morning CQing). I've been looking into memory keyers.

Could anyone tell me about the MFJ 482B Memory keyer (which is now out of production and replaced by the MFJ 492)?

Is it in any way similar to the current MFJ 492? Easy to use or a pain in the neck?

Barry Keating  
WD4MSM

-----  
Date: Wed, 3 Dec 1997 11:57:21 -0500 (EST)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: W2MY & W2MBY <n2mnn@spacegate.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31808] Re: FOX: N/T Fox Time/Date change  
Message-ID: <Pine.LNX.3.93.971203115535.1966A-100000@dns.vidtel.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Dec 1997, W2MY & W2MBY wrote:

> So cancel Friday night for the W2MBY Fox , and change it to Saturday,  
> December 6th, 23:00 to 01:00 UTC. Frequency will be 7.0425 + or - 2 kHz.

Is this supposed to be 7.1425? Just wondering...

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE QRP WAS 27/10(w/c) | http://dns.vidtel.com/~ccart --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? --

-----  
Date: Wed, 03 Dec 1997 16:03:25 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: k5zty@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31809] Re: Need a regen schematic

Message-ID: <348582CD.2CB8@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Good Morning Bill. I'd be more than happy to walk you through any schematics. Anything to help get me more contacts! HI!

Of course Master Paul is most amenable to helping others! What a guy!  
I can help if it makes life easier.  
-72 om/ Ed, we6w

k5zty@juno.com wrote:

>  
> Paul and the group,  
>  
> I read, or tried to read, the schematic that you posted on the regen  
> radio. I have studied that drawing several times and I can't for the  
> life of me make any sense out of it. I think it is the Pipsqueak circuit  
> that you have published before but I still can't follow it.  
> One of the other members of the list apparently read and understood it  
> because he commented about the details of the circuit. I have seen other  
> schematics posted like that and other people seem to understand them. I  
> would like to know how to interpret them. What is the code??  
> Thanks and 72,  
> Bill, K5ZTY  
> Houston, TX  
> k5zty@juno.com

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)  
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3  
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok  
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

-----  
Date: Wed, 3 Dec 1997 08:05:59 -0800 (PST)  
From: Randy Foltz <rfoltz@wsunix.wsu.edu>  
To: qrp-l post <qrp-l@Lehigh.EDU>, Joe Gervais <vole@primenet.com>  
Subject: [31810] FOX hunting in ID  
Message-ID: <Pine.OSF.3.95.971203075258.24387B-100000@unicorn.it.wsu.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Howdy, gang.

Last night I was listening to the pack howling away. I couldn't hear Jim, so I wasn't firing in return. I recognized several calls K50I, Floyd's, K2VCO among them. The fox slowly started to come up, but not enough to take the rig off safety. Then I heard it. "A" and before the dah was done, I knew it was AB7TT. Sure enough there he was with that characteristic T T drawl. This is so folks don't think it is AB7M. Well he fires off a couple of rounds and what the heck I tail his call with mine. Kind of a he gets their attention and I send the AB7TK and the fox thinks it was me all along. Joe gets the fox and I have to wait another 1/2 hour before I get him, but when the band gets real quiet, I too snag Jim.

For a little icing on the cake, I head over to the University of Idaho club station for the regular December meeting and with the SST at 2 w and all the other Spartan Sprint gear that I've taken for show and tell there is Jim practically begging for contacts. A quick call with W7UQ and the club station now has a fox pelt. Several of the no-code hams were impressed.

A fine night.

Randy  
AB7TK ARCI QRP-L NORCAL NWQRP ARS  
Moscow, ID

-----  
Date: Wed, 3 Dec 1997 09:23:54 -0600  
From: "Marshall Emm" <mgemm@ntechnologies.com>  
To: cqcllist@lists.csn.net, qrp-l@Lehigh.EDU, cw@qth.net  
Subject: [31811] (Repost) Straight Key Survey  
Message-ID: <199712031624.JAA03282@bobcat.sni.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Reponse to the survey has been good, but I'd like to repost the original request in case you didn't see it or haven't yet done it. Thanks to all who have participated. Results will be posted here and on the web site within a week or so.

-----  
Your response to these questions will be greatly appreciated, and summary results of the survey will be made available to the group.

Background follows the survey questions. Please respond on the basis of your actual preference, not necessarily what you are using now.

What kind of knob do you prefer?

- a) flat,
- b) round,
- c) round with skirt (e.g. "Navy" knob)
- d) other -- please describe.

Do you have a size preference for the knob? If so, do you prefer a) a small knob (3/4" diameter or less), or b) a large knob (diameter greater than 3/4").

What distance do you prefer to have the knob above the operating surface? a) half an inch or less b) more than half an inch.

What is your usual (or most comfortable) sending speed with a straight key?

- a) 5-10 wpm
- b) 10-15 wpm
- c) 15-20 wpm
- d) more than 20 wpm

-----  
Please e-mail your response to [keysurvey@ntechnologies.com](mailto:keysurvey@ntechnologies.com)  
-----

As many of you know, my company is importing straight keys from Japan. We initially chose a specific model which conformed to "American style" sending. That is, a key with a flat knob close to the table surface for operation with the forearm resting on the table. Although there are obvious exceptions, there seems to be a historical distinction between that style of key and the "British style," which has the knob somewhat higher from the table and a round knob (with or without a "skirt") and is used with the forearm off the table. Those distinctions don't mean a great deal these days, and my own suspicion is that most of us have simply adapted our sending technique to whatever key is available.

The information we gain from this survey will be used to determine which models or styles we import if there are clear patterns.

Thanks...

Marshall Emm  
N1FN/VK5FN  
n1fn@mtechnologies.com  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com/mthome>  
(303)752-3382  
--

-----  
Date: Wed, 3 Dec 1997 11:47:32 -0500 (EST)  
From: KB8APS@aol.com  
To: qrp-l@Lehigh.EDU  
Cc: bobbctech@msn.com  
Subject: [31812] Re: Change of E-Mail Address  
Message-ID: <971203114730\_1051880439@mrin44.mail.aol.com>

Please note my change of e-mail address, anytime during the next month

>From :- kb8aps@aol.com

To :- bobbctech@msn.com

Thanks,

es 73

-----  
Date: Wed, 3 Dec 1997 10:05:35 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: cqclist@lists.csn.net, qrp-l@Lehigh.EDU  
Subject: [31813] Snowshoe Run Teams  
Message-ID: <199712031705.KAA10495@bobcat.sni.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

from the web site, <http://www.mtechnologies.com/mthome/cqc.htm>

SLED TEAM COMPETITION in the GCSR

Yes, as a sideline there will be a Sled Team Competition, aka the Iditerod Division of the Great Colorado Snowshoe Run. To participate, get together with a group of like-minded QRPers and send

your team list to Marshall, N1FN at [n1fn@mtechnologies.com](mailto:n1fn@mtechnologies.com) no later than 12 hours before the start of the Run.

Sled Teams can be of any size, and may or may not have a designated driver or Lead Dog. When the logs are in, Marshall will extract the entries for team members and calculate the score for each Sled Team (as the average of all team members' scores). Highest Team Score wins special recognition.

73

Marshall Emm  
N1FN/VK5FN  
[n1fn@mtechnologies.com](mailto:n1fn@mtechnologies.com)  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com/mthome>  
(303)752-3382

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-----  
Date: Wed, 3 Dec 1997 10:05:35 -0600  
From: "Marshall Emm" <[mgemm@mtechnologies.com](mailto:mgemm@mtechnologies.com)>  
To: [cqclist@lists.csn.net](mailto:cqclist@lists.csn.net), [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [31814] Snowshoe Run Rules  
Message-ID: <199712031705.KAA10506@bobcat.sni.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

from the web site, <http://www.mtechnologies.com/mthome/cqc.htm>

THE GREAT COLORADO SNOWSHOE RUN

Sponsored by the Colorado QRP Club

Need a good excuse to skip the boring company party this holiday season? Try the Great Colorado Snowshoe Run. It's a short winter QRP event designed for fun AND the scientific evaluation of propagation and antenna gain. We've limited the contest to a single band, two hours and have created competition classes based on your type of antenna. Exchanges and multipliers include both SPCs AND your 4-character alphanumeric Maidenhead Grid Square designation. Plus, since it's easy to get lost in a Colorado blizzard, forcing you to snowshoe around in circles, you can work the same station more than once. But there must be a half-hour or more between contacts with the

same station. Have some fun and give us your feedback on the event. We'll award certificates to the top finishers in each antenna class. We may even come up with prizes, like a one-day supply of Hostess Snowballs!

WHEN: Sunday, December 14 0300-0500 UTC (Saturday, Dec. 13 Local)

Pacific: Sat., Dec. 13 7-9 pm  
Mountain: Sat., Dec. 13 8-10 pm  
Central: Sat., Dec. 13 9-11 pm  
Eastern: Sat., Dec. 13 10 pm - 12 midnight

BAND: 40 Meters only

MODE: CW

POWER FOR ENTRANTS: 5 watts Maximum

(QRO stations are encouraged to join the run, but we can't accept your logs as a contest entry. QRP stations can work QRO stations.)

CLASSES: Based on antenna!

S - Single element wire (includes dipole, random wires, Zepp, doublet, inverted "V", slopers, single element beams, single element loops, inverted "L", etc.)

V - Verticals (includes single element, ground plane, trapped vertical, anything with vertical polarization and omnidirectional pattern).

M - Multi-element arrays/beams (includes beams, multi-element loops, phased verticals, V-beams, rhombics, etc.)

If you are not sure about your antenna class, send us a description ASAP (via email to [rschneid@ix.netcom.com](mailto:rschneid@ix.netcom.com)) and we'll let you know.

Operations may be conducted with different antennas provided all antennas used are in the same class.

EXCHANGE: RST SPC Grid Square Antenna Power

Examples: 549 C0 DM79 S 5W

WORKING STATIONS MORE THAN ONCE: The same station may be worked up to three times during the Snowshoe Run, provided there is a minimum of



30

minutes between QSOs with the same station.

SCORING:

3 points per QSO, the first time each station is worked.

2 points for the second time the same station is worked.

1 point for the third time the same station is worked.

MULTIPLIERS: SPCs and Grid Squares

FINAL SCORE: QSO Points X SPCs X Grid Squares Worked = Total  
Score

LOG SUBMISSION: Submit logs showing time, callsign, exchange and QSO  
points for each station worked.

Example:

0305 W0CQC C0 DM79 S 5W 3

0312 N1FN C0 DM79 V 5W 3

0336 W0CQC C0 DM79 S 5W 2

Please include an alphabetical dupe list showing times and calls, a  
list of SPC and GRID SQUARE multipliers, and a summary sheet showing  
the antenna class you are entering, a description of your antenna,  
power used and your calculation of total score.

Send SNAIL MAIL log submissions to:

Dick Schneider  
AB0CD  
4464 E Bails Pl  
Denver CO 80222

Send EMAIL log submissions (in ASCII format) to:

Jan Medley  
KB0WQT  
jmedley@ix.netcom.com

Submit logs within 30 days after contest close. Logs must be  
postmarked no later than January 13, 1998.

WEB SITE POSTINGS: CQC will post a list of received logs, claimed  
scores, and propagation/performance data on its web site at  
<http://www.mtechnologies.com/mthome/cqc.htm>. Check the Contest page.

73

Marshall Emm

N1FN/VK5FN  
n1fn@mtechnologies.com  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com/mthome>  
(303)752-3382  
--

-----  
Date: Wed, 3 Dec 1997 10:16:45 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: cqclist@lists.csn.net, qrp-1@Lehigh.EDU, cw@qth.net  
Subject: [31815] Ten days and counting  
Message-ID: <199712031716.KAA12458@bobcat.sni.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

It's only ten days till the Great Colorado Snowshoe Run (12/13/97  
2000-2200 MST), sponsored by the Colorado QRP Club

Many of you will participate simply because it's a contest, or  
because it's a QRP contest, but here's some food for thought if you  
haven't already made your plans. We are nothing if not innovative  
[g].

1. It's only 2 hours long, one band (40) and mode (CW) only.
2. Stations can be contacted more than once (30 minutes apart).
3. Exchange includes grid square so we can do some propagation tracking.
4. Entries are by ANTENNA CLASS so you will be competing only with people who have similar antennas.
5. SLED TEAM entries are allowed, and the Mush Puppies have already issued a challenge.
6. There will be PRIZES-- not just glory-- for the winners!

Complete rules are on the web site:  
<http://www.mtechnologies.com/mthome/cqc.htm> or you can request a copy  
by email to me: n1fn@mtechnologies.com.

73

Marshall Emm  
N1FN/VK5FN  
n1fn@mtechnologies.com  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com/mthome>  
(303)752-3382  
--

-----  
Date: Wed, 03 Dec 1997 11:52:38 EST  
From: n4so@juno.com (charles k brown)  
To: qrp-l@Lehigh.EDU  
Subject: [31816] Ten-Tec Used Prices  
Message-ID: <19971203.165127.4383.6.n4so@juno.com>

Ten-Tec Price List text file

This is a saved text from last April and lists most Ten-Tec  
radios and an estimated used price for the older radios and some of the  
accessories.

It is on my home computer.  
Just ask for Ten Tec.

Ken Brown, N4SO  
QTH nr Mobile, AL/ EM50tk  
qrp-l #622  
n4so@juno.com

-----  
Date: Wed, 3 Dec 1997 13:25:52 -0500 (EST)  
From: Chris Cartwright <ccart@dns.vidtel.com>  
To: QRP Reflector <qrp-l@Lehigh.EDU>  
Subject: [31817] FOX: MMN's (Way to go MD!)  
Message-ID: <Pine.LNX.3.93.971203125948.2102A-100000@dns.vidtel.com>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I was just working on the state standings a bit and came up with these;

KA80KH is the "top fox" to date with 88 Q's.

K0EVZ pushed the hunt total past 1000 Q's to 1035.

MD tied CA for number of pelts! (so what if he was "next door")

ON leads the Canadian league. (But hey, they play football on  
an 80 yd field too <snicker>)

New stat: "Top five of the Hunt" (and no this has nothing to do with MD  
being in it for the first time <wink>)

KA80KH/FOX

-----

#1	TX	9	pelts	
#2	MD/CA	7	"	(yes I filtered out our attempt to include Doc :)
#3	MO/AZ	6	"	
#4	MI/NY/OK/WA	5	"	
#5	VA	4	"	

---

59 hides    59 pelts / 10 states = 5.9 pps (pelts per state)

Hey MD Gang! We're finally above average! And to all, please take these  
MMN's in the nature that it's intended. MMN=More \*Meaningless\* Numbers.  
As I said at the beginning, if we figure out enough stats everyone wins.  
Even us guys in MD :)

I'll post the "big" list as soon as I get N0UR's tally, but I know he got  
at least one from MD...    72

-- Chris Cartwright,    Technical Engineer    |    ccart@vidtel.com    --  
-- N3XRV    ARRL-VE    QRP WAS 27/10(w/c)    | http://dns.vidtel.com/~ccart    --  
-- QRP-L #655    NORCAL #1891    QRP-ARCI #????    NJ-QRP #105    LIQRP #????    --

-----  
Date: Wed, 3 Dec 1997 13:21:55 -0500 (EST)  
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [31818] 2N2: DSB heard in NJ!  
Message-ID: <Pine.A32.3.93.971203125621.27336B-100000@weyl.math.Virginia.EDU>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Got the ends of the dipole back up to 40+ feet, but the center insulator  
was still trapped by a branch at 20 feet when darkness fell last night.

At 8:45am today, a New Jersey station gave an east coast call for check-ins for the North Central Amateur Radio Service (NORTH CARS) net on 7240. I hollered my call, and he acknowledged the 'N7,' but couldn't get the rest. "Wait a few minutes and we'll try it again. Conditions are improving by the minute!"

My 8 paralleled 2n2's, soaking up 240 ma standing current in class A, squeezing out no more than one watt double sideband, had at least been heard!

At 9:15am he called for "the N7" again, and copied my call, name, weather report (this is a traffic and weather net) and "homebrew one watt double sideband". He relished the latter fact, and conferred upon me "paid-up lifetime membership in North CARS" :-)

What a hoot!

72, Ralph N7RI  
Charlottesville VA

-----  
Date: Wed, 03 Dec 1997 13:30:27 -0500  
From: Ken Newman <n2cq@comten.com>  
To: "Charles Leskie"@excalibur.comten.com  
Cc: QRP-L@Lehigh.EDU  
Subject: [31819] Re: MFJ Vertical  
Message-ID: <1.5.4.16.19971203182950.2b579f62@mail.comten.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have tried to install an MFJ 1796 also, Chuck. It came a little closer than 4:1 but mine is now in the garage thinking I may use the parts for a simple verical sometime. Mechanicallly, it makes one LOL. The main reason otherwise was the terrible RFI in the shack. It was on a pole outside the window.

That and the XYL wanted that "Eyesore" off the house. After a short time, I agreed. I bought MFJ before but not after that one.

72/73,  
Ken Newman, N2CQ  
Woodbury, NJ  
N2CQ@Comten.com

-----  
Date: Wed, 3 Dec 1997 13:41:34 -0500 (EST)  
From: PDouglas12@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [31820] Sound Card test equipment  
Message-ID: <971203134133\_1348623808@mrin44.mail.aol.com>

Hey gang,  
Forgive me if this isn't a new discovery, but I don't remember seeing this on the list, and it really is quite a discovery:

I found three terrific programs in the downloadable programs section of the Ham Pages of AOL. First, they all work in Windows (3.1 or 95!) and they are very well done. One is an AUDIO OSCILLOSCOPE with real capabilities, albeit restricted to the sound spectrum and slightly above. Such a scope would have been perfect, for example to troubleshoot an ailing SCAF filter, or an audio amp or the like. And another program is an AUDIO SINE WAVE GENERATOR with capabilities from bass up beyond hearing. And the third program/device is a FREQ COUNTER with .1 Hz resolution!

Guys, these are working, graphic representations of valuable test instruments. Now, I D/L 'd them from AOL, but the URL for the originating page is : [HTTP://www.via.nl/users/bikkel](http://www.via.nl/users/bikkel)

There is a fourth program in this series, a function generator, but it wasn't on AOL and the web site d/l wouldn't run on my machine (windows protection faults). If anyone gets it running in Win 95, would they let me know and send it to me by attached file?

The best part: These programs are freeware! Oh did I mention they are really nice? Too bad you can't use them simultaneously, as they comprise quite a little audio lab.

72,

Preston WJ2V

-----  
Date: Wed, 3 Dec 1997 11:32:41 -0800 (PST)  
From: camqrp@cyberg8t.com (Cam Hartford)  
To: qrp-1@Lehigh.EDU  
Subject: [31821] Holiday Spirits Homebrew Sprint  
Message-ID: <199712031932.LAA20736@key.cyberg8t.com>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Contest Addicts:

Time to dust off your newest homebrew creation and give it a workout. This Sunday afternoon the Holiday Spirits Homebrew Sprint hits the airwaves - be there or be pointless!

GL,

Cam N6GA

#### 1997 HOLIDAY SPIRITS HOMEBREW SPRINT

Date/Time: December 7, 1997; 2000 - 2400 Z. CW only.

Exchange: Member - RST, State/Province/Country, ARCI Number

Non-Member - RST, State/Province/Country, Power Out

QSO Points: Member = 5 Points; Non-Member, Different Continent = 4 Points;

Non-Member, Same Continent = 2 Points

Multiplier: SPC (State/Province/Country) total for all bands.

S/P/Cs may be worked on more than one band for credit.

Bonus Points: Points awarded for using Homebrew equipment, apply for each

band on which Homebrew equipment was used: +2,000 HB Transmitter used;

+3,000 HB Receiver used; +5,000 HB Transceiver used

Homebrew Definition: If you built it, it is considered Homebrew.

Power Multiplier: (Power Output)

0 - 250 MW = X 15; 250 MW - 1 Watt = X 10;

1 W - 5 W = X 7; Over 5 W = X 1.

Suggested Frequencies:

	GENERAL	NOVICE
160 Meters	1810 KHz	
80 Meters	3560 KHz	3710 KHz
40 Meters	7040 KHz	7110 KHz
20 Meter	14060 KHz	
15 Meters	21060 KHz	21110 KHz
10 Meters	28060 KHz	28110 KHz
6 Meters	50128 KHz	

Score: Points (total for all bands) X SPCs (total for all bands) X Power Multiplier + Bonus Points.

Multi-Op Class: Submit list of operators and number of transmitters in

simultaneous operation.

Portable Operation: Submit information on location of operation, list of operators and number of transmitters in simultaneous operation.

Entry may be an All-Band, Single Band, Hi-Band or Lo-Band. Certificates to the top three scores, to the top score in each Single-band, Lo-band and Hi-band class, and to the top score in each SPC. Entry includes a copy of the logs and a separate summary sheet. Indicate total time-on-the-air, and include a legible name, call, QRP ARCI Number (if any) and address.

All entries must be received within 30 days of the contest date. Late entries will be counted as check logs. Members and non-members indicate their output power for each band. The highest power used will determine the power multiplier. Output power is considered as 1/2 of input power.

Include a description of homebrew equipment, commercial equipment, and antennas used with each entry. Homebrew bonus points may not be claimed if a description is not included with the entry.

Send an SASE for a summary and sample log sheets. Include an SASE with your entry for a copy of the results. Results will be published in the next available issue of the QRP ARCI Quarterly.

The final decision on all matters concerning the contests rests with the contest manager.

Entries are welcome via E-Mail to [CamQRP@cyberg8t.com](mailto:CamQRP@cyberg8t.com), or by mail to:

Cam Hartford, N6GA  
1959 Bridgeport Ave.  
Claremont, CA 91711

-----  
Date: Wed, 03 Dec 1997 11:37:51 PST  
From: "Randy Jouett" <[rjouett@hotmail.com](mailto:rjouett@hotmail.com)>  
To: [crc@io.com](mailto:crc@io.com)  
Cc: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [31822] Re: keyer  
Message-ID: <19971203193751.3685.qmail@hotmail.com>  
Content-Type: text/plain



>If anyone has that keyer circuit W1EAT talked about I also would >like  
a copy ,I have a boat load of 2222s begging to be put to work >some  
where,and a recently dead keyer that has served faithfully >since 1975.

>charlie

I would also like a copy of this circuit.

BTW, charlie/group...I'm familiar with the argo, but what the heck is a  
micronaut,MRX-40, and Pixie2. Kits? If so, are they still available?

Tnx and 72/73,

Randy AB5NI

-----  
Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Wed, 3 Dec 1997 14:46:04 -0500 (EST)  
From: K5BDZ@aol.com  
To: K5BDZ@aol.com, qrp-1@Lehigh.EDU  
Subject: [31823] FS: UNBUILT Tejas kits  
Message-ID: <971203144604\_-689850424@mrin45.mail.aol.com>

For Sale: Just found another box with the following Unbuilt Tejas Kits at  
half price or less:

Kits include all parts, manuals, etc except where noted.  
Kits with enclosures also include all hardware, knobs, jacks, etc.

three (3) model 92150 Variable peaking bandpass filter WITH Enclosure \$25.00  
ea.

Five (5) mod 92150 Variable peaking bandpass filter withOUT Enclosure \$19.00  
ea.

One (1) Delux 8044ABM mini keyer kit WITH 8044ABM withOUT enclosure \$19 ea.

eight (8) Delux mini keyer kit WITHOUT 8044ABM CHIP withOUT enclosure. \$10  
ea.

All plus \$4.00 shipping (for one or more kits shipped at same time)

Bill, K5BDZ  
k5bdz@aol.com

-----  
Date: Wed, 3 Dec 1997 14:48:11 -0500 (EST)  
From: PDouglas12@aol.com  
To: QRP-L@Lehigh.EDU  
Subject: [31824] Test EQ programs more...  
Message-ID: <971203144811\_1316195444@mrin85.mail.aol.com>

Gang,  
00h, are these programs cool. And they WILL run simultaneously. They don't fit well on the screen, but they run minumized just fine. So, for instance, you can start and run the scope and the sine wave generator at once on a pentium. You can use your computer mike to see waves on the scope. If you set the generator to any convenient tone, then, minimize the generator and put the microphone near the speakers, you can display the "sine" wave output. Know what? The output can be clearly seen on the scope to be a stepped digital approximation of a sine wave, not a pure sine. That is so neat!

If you missed my first posting, these are three way cool test devices using Windows and a sound card. There is a scope, sig gen, and freq counter. (all audio freq, but for free what do you want?) URL again is at the ham radio downloads (keyword Ham Radio on AOL or on the web at :  
[HTTP://www.via.nl/users/bikkel](http://www.via.nl/users/bikkel)  
BEGINNERS' CAUTION: YOU CAN'T USE THIS SCOPE TO SEE RF SIGNALS. YOU CAN'T CONNECT YOUR TRANSMITTER TO THE COMPUTER. YOU'LL BLOW IT UP!  
Preston WJ2V

-----  
Date: Wed, 3 Dec 1997 11:58:09 -0800  
From: talljazz@teleport.com (Dan Presley)  
To: n2cq@comten.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [31825] Re: MFJ Vertical  
Message-ID: <v01530503b0ab6960c38c@[206.163.125.236]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'm not familiar with this antenna, but I did notice an article about it in the Dec.'97 CQ by N4PC, who knows his stuff-sounds like he got good results, but adjustment was critical. You might read the article, and/or contact him thru CQ for more input.  
As an aside, I have had great results with my Gap Titan half wave vertical

ground mounted-better than the Butternut at 30 ft with four radials.  
Dan N7CQR

-----  
Date: Wed, 03 Dec 1997 14:03:55 -0600  
From: "Rattray, Bruce" <Rattray@sias.sk.ca>  
To: Low Power Amateur Radio Discussion <grp-1@Lehigh.EDU>,  
'ccart@dns.vidtel.com' <ccart@dns.vidtel.com>  
Subject: [31826] RE: MMN's (Way to go MD!)  
Message-ID: <ABB04875E11AD01191A40000F83092BE566F3C@stone.sias.sk.ca>  
MIME-version: 1.0  
Content-type: text/plain  
Content-transfer-encoding: 7BIT

> -----  
> From: Chris Cartwright[SMTP:ccart@dns.vidtel.com]  
> Reply To: ccart@dns.vidtel.com  
> Sent: Wednesday, December 03, 1997 12:25 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: FOX: MMN's (Way to go MD!)  
>  
> I was just working on the state standings a bit and came up with  
> these;  
>  
>  
> ON leads the Canadian league. (But hey, they play football on  
> an 80 yd field too <snicker>)  
>  
Hi Chris!...re ON...yes, but did you know "real men" play football in  
November in Saskatchewan!!...HI HI... :-)) 72 - Bruce(VE5RC)  
  
> New stat: "Top five of the Hunt" (and no this has nothing to do  
> with MD  
> being in  
>

-----  
Date: Wed, 3 Dec 1997 15:20:14 -0500 (EST)  
From: N10DL@aol.com  
To: grp-1@Lehigh.EDU

Subject: [31827] Dec 4 FOX  
Message-ID: <971203152012\_45492248@mrin40.mx>

Am I correct in understanding that there will be TWO Foxii out there tonight?  
KS4L AND N0GLM? I presume they will be around 7.040-+

Aron  
N10DL  
Still searching for my pelts.

-----  
Date: Wed, 3 Dec 1997 15:16:04 +0000  
From: Leon Heller <leon@lfheller.demon.co.uk>  
To: ke3nv@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [31828] Re: Best way to de-flux circuit boards?  
Message-ID: <Ni9HOCA0eXh0EwSR@lfheller.demon.co.uk>  
MIME-Version: 1.0

In message <199712030732.CAA27492@smtp3.erols.com>, Scott Bauer  
<ke3nv@erols.com> writes  
> Hello Group,  
> What do clean your circuit boards with??

IPA (Iso-Propyl Alcohol) works fairly well on newly-soldered boards.

Leon

--  
Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>  
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424  
See <http://www.lfheller.demon.co.uk/rcm.htm> for details of a  
low-cost reconfigurable computing module using the XC6216 FPGA

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Date: Wed, 3 Dec 1997 14:40:31 -0600  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
To: qrp-l@Lehigh.EDU  
Subject: [31829] DIPOLE IS WORKING  
Message-ID: <0004CB11.4159@ccgate.dl.nec.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part

Gang,

Thanks to all who responded to my antenna ground question the other day. One point was repeated in all the responses:

Never leave your feedline (be it coax/twinlead/ladder line) connected to your rig when not in use. I echo that thought - I always disconnect my feedlines from the tuner when my station is idle. Figure that's pretty cheap insurance from blowing up the rig :-)

Yeehaahh -

I think my 135' dipole fed with 450 ohm line is working. I made my 1st ever 160m Q last night with a station in Tucson, AZ! Not bad for a fairly low dipole. Heard (not worked) some good DX on 40m around 0500z (SM1, S51). Will start in the fox frenzy beginning later this week.

Off topic: can anyone recommend a good QSL printing company? I don't want to spend all that much, but want some new cards printed now that the new QTH is settled. You can post direct, as I want your honest opinion and we can avoid ruffling any feathers.

Thanks, folks

73 de Dave NR3E/5  
nr Dallas, TX  
qrp-1 #25

-----  
Date: Wed, 03 Dec 1997 13:14:25 PST  
From: "Randy Jouett" <rjouett@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [31830] Re: WM-series mods  
Message-ID: <19971203211426.7823.qmail@hotmail.com>  
Content-Type: text/plain

>Marty's writeup deals with modification of the WM-series for CW operation-

> thanks to Randy for pursuing that.

You're welcome, Dave! :^)

BTW, I talked to Marty last nite on the fone, and he said it was ok to release the artical. I'll have to type it up and draw the schematic's. This could take some time, because the artical is around 10 pages and written in long-hand. That, and I'll have to draw up the schematics. Marty doesn't own a computer,btw, but he plans on getting one "REAL SOON NOW." :). He's in that "Randy, here's a computer that's twice as good as the one I told you about six months ago for half the price" mode. Don't worry...I'm trying to work him out of that or he'll NEVER get a computer. :).

Anywho, give me a week or two and I'll have everything done. REAL busy with work rite now, but I'll give it a few hours a day.

Randy AB5NI rjouett@hotmail.com

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Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Wed, 03 Dec 1997 15:12:45 EST  
From: w4bws@juno.com (Donald E Sanders)  
To: ku7y@sage.dri.edu  
Cc: qrp-l@Lehigh.EDU  
Subject: [31831] Re: Best way to de-flux circuit boards?  
Message-ID: <19971203.162630.4311.1.W4BWS@juno.com>

Besure to use Acetone in a well ventilated area and away from flames. For many years I was in charge of a PC fab group for a space program supplier and we had very stringent reguirements on board cleanliness and surface resistivity. We found that cleaning the boards in JOY detergent and rinsing WELL with clean water (distilled) was very acceptable. I have used this method to clean commercial 2-way equipment, ham equipment, and entertainment equipment with good results.

Donald E. Sanders W4BWS  
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937  
407-779-0222 Fax 407-779-0830  
E-mail to w4bws@juno.com  
My favorite QRP rig glows in the dark

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Date: Wed, 3 Dec 1997 22:23:57 +0000  
From: Nancy <LAGESON@worldnet.att.net>  
To: qrp-1@Lehigh.EDU  
Subject: [31832] FOX Report-NOUR  
Message-ID: <19971203222356.AAA24990@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Much smoother ride this time, condx seemed better, less QRM and noise to contend with. Seems like much less QRM above 7.040. Things started out with a bang, working them as fast as I could pull out a call, with no shortage of stations in the "pile-up," at this pace it looked like 100 Q's was a real possibility. At 70 minutes I was at 68 contacts, 32 more in 50 minutes should be easy.....it was like someone pulled the plug, I was all alone, I could hear signals off to the side so I knew the band didn't die, I went 12 minutes without a contact with fresh CQ's every 5 seconds. I managed 13 Q's in those 50 minutes for a total of 83 contacts. This was my last chance as a fox this season, hope to get a chance next year (please Chuck!!!) Thanks to all the great op's out there who stuck it out and got in the log, sorry to the ones I missed or gave up. I think we should make Fox runs only 1 hour and really turn up the heat, that could get dangerous. Here is the log;

TIME	CALL	RST	STATE	NAME	#
0100	VE3ELA	579	ON	KEN	1226
01	WB4EXW	559	NC	WATSON	5W
02	AA2PF	599	NY	DAVE	306
03	KU7Y	579	NV	RON	17
04	N5LU	599	OK	BILL	5W
05	N4ROA	559	VA	DAN	970
06	N6MM	579	CA	HARVEY	318
07	VE5RC	339	SK	BRUCE	886
08	N4JS	559	NJ	JOHN	884
09	KQ5U	559	TX	TERRY	5W
10	AB5UA	579	OK	CHRIS	478
11	K10J	559	TX	OJ	732
12	N2GO	599	NY	JIM	381
13	W3MWY	579	MD	GEORGE	3W
14	KA8OKH	569	KY	RICH	933
15	K0EVZ	599	MN	DOC	861
17	NQ7X	559	AZ	FLOYD	343
18	N7VE	559	AZ	DAN	5W
19	K2VCO	569	CA	VIC	725
20	W6ZH	579	CA	PETE	257
21	K5OI	559	NM	TIM	73
22	K6VNX	559	CA	ALLEN	5W
23	K5ID	579	AR	KEN	652

24	K6BAB	579	CA	HARVEY	5W
25	WE6EM	549	CA	ED	1068
26	K1MG	559	CA	MIKE	614
27	AB7TT	579	AZ	JOE	191
28	N6XU	579	CA	STAN	66
29	N4PK	579	NM	ED	1307
30	KG2IM	579	NY	JOHN	1193
31	W3GEO	579	KY	GEORGE	100W
33	W0RW	599	CO	PAUL	2W
33	K5JHP	449	TX	BILL	825
35	N5JI	559	TX	DICK	1054
36	WA1QVM	569	MA	JOEL	337
37	W2UX	449	SC	GARY	593
38	KS4L	569	AL	RANDY	468
40	N7GS	579	MT	MAL	815
41	KA3WMJ	599	PA	KEN	355
42	N3XRV	559	MD	CHRIS	655
43	VE6NJK	549	AB	NIELS	1239
44	K5ZTY	339	TX	BILL	473
45	N3YSI	559	PA	PAUL	4W
46	WZ2T	599	NY	RICK	122
47	KA7NOC	579	ID	STEVE	909
48	NI0A	559	MN	JOHN	689
49	KA5T	559	TX	LARRY	89
50	KS4HQ	579	NC	BOB	801
51	K4GT	559	GA	JIM	1023
52	AC6LA	559	CA	DAN	515
53	W5SB	339	TX	BILL	1279
54	K2SJB	579	NY	DAVE	757
55	AA5TA	339	TX	LARRY	1245
57	N1QQV	579	CT	KEN	400
57	KA3EAJ	579	MD	DAVE	245
59	N4KV	599	KY	BILL	5W
0201	K5ON	579	NM	GARY	770
02	KJ3V	599	WV	LYNN	1227
03	WB2GAI	559	NJ	RON	3W
03	N0BS	559	MN	TOM	985
05	N6WG	339	CA	BOB	5W
06	VE6GK	579	AB	RICK	165
07	K5FO	599	TX	CHUCK	#1
08	WD3P	579	MD	LARRY	1039
08	K1XS	339	CT	KEN	494
10	WV3J	569	VA	PAUL	1224
10	AB7MY	559	AZ	GARY	571
11	N7KT	559	AZ	ROGER	62
13	NR3Z	579	PA	MARTY	813
14	WJ2V	539	NY	PRESTON	45
16	N2TNN	599	NJ	DEAN	560



17	W1GM	579	CT	CHRIS	1177
21	KB0VIJ	559	MN	MARK	100W
24	VE7CQK	559	BC	PAUL	20
28	WA6NAE	559	CA	DWIGHT	5W
39	NQ7K	579	AZ	MIKE	47
41	W7UQ	579	ID	RANDY	2W
44	K5VUU	559	TX	ED	5W
48	WA7JEG	559	WA	JIM	2W
52	VE3SP	559	ON	RON	5W
56	W7QQQ	339	AZ	JACK	1210
58	N6VZ	559	CA	GARY	891
59.9	K0GJX	599	MN	CHUCK	5W

I got smart and used the computer to log this time, (caught 3 dupes) but I still had to type in this log so please let me know of any mistakes. Thanks again, it was fun.

72's Jim...NOUR #7NN

-----

Date: Wed, 3 Dec 1997 15:35:20 -0700 (MST)  
 From: Joe Gervais <vole@primenet.com>  
 To: rfoltz@wsunix.wsu.edu (Randy Foltz)  
 Cc: qrp-1@Lehigh.EDU  
 Subject: [31833] Re: FOX hunting in ID  
 Message-ID: <199712032235.PAA11436@usr08.primenet.com>  
 Content-Type: text

Howdy Folks,

Randy (AB7TK) wrote:

>  
 > Last night I was listening to the pack howling away. [ SNIP ]  
 > Then I heard it. "A" and before the dah was done, I knew it was AB7TT.  
 > Sure enough there he was with that characteristic T T drawl. This  
 > is so folks don't think it is AB7M.

Actually that drawl is just my accent - Momma's from Alabama. :)  
 'Course the way I ride the "T T", I'm probably running the risk  
 of being mistaken for a Russian T beacon....

> Well he fires off a couple of rounds and what the heck I tail his call  
 > with mine. Kind of a "he gets their attention and I send the AB7TK and

> the fox thinks it was me all along".

As you can see, Randy and I treat this teammate thing like lions at a watering hole - all warm and fuzzy 'til the hunting gets lean, then we turn to cannibalism. :)

Then again, half the time condx are poor enough that we can't tell which of us the Fox answered anyway, in which case he *\*must\** have been calling me. *\*chuckle\** But it does increase our odds that one of us will put Team AB7\*T\* on the map that night. A fact which, disturbingly, brings to mind the documentary on mating frogs I saw last week....

> Joe gets the fox and I have to wait another 1/2 hour before I get  
> him, but when the band gets real quiet, I too snag Jim.

And just you remember that the next time you nip at the Alpha Hunter in our pack, mister. :-)

> For a little icing on the cake, I head over to the University of Idaho  
> club station for the regular December meeting and with the SST at 2 w and  
> all the other Spartan Sprint gear that I've taken for show and tell there  
> is Jim practically begging for contacts. A quick call with W7UQ and the  
> club station now has a fox pelt. Several of the no-code hams were  
> impressed.

Alright! Lure 'em in! Hey wait, this is just a clever ploy to bump up the Idaho QRP population and dominate the Pelts-Per-State-Population rankings, isn't it? Ron and Chris better start working on their recruiting.... :-)

Hope you hooked a few UofI hams with your show-n-tell!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"What, a raw frog?!? Don't you even take the bones out?!?"

"If we took the bones out they wouldn't be crunchy, would they?"

-----

Date: Wed, 3 Dec 1997 17:33:35 -0500 (EST)  
From: Steve Bornstein <saborns@freenet.columbus.oh.us>  
To: Multiple recipients of list <qrp-l@Lehigh.EDU>  
Subject: [31834] CQrp Meeting  
Message-ID: <Pine.3.07.9712031735.A9383-81000000@login>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Gang,

The December meeting of CQrp (Columbus QRP Club) will be Saturday the 6th at Universal Radio in Reynoldsburg. The meeting time will be 10:30. Bring your latest project for show and tell.

73, Steve K8IDN

-----  
Date: Wed, 03 Dec 1997 13:32:44 EST  
From: haf47@juno.com (Howard Friedman)  
To: Jack.Bryant@math.tamu.edu  
Cc: qrp-1@Lehigh.EDU  
Subject: [31835] Re: Kanga and ARRL statistic  
Message-ID: <19971203.133053.7615.1.HAF47@juno.com>

Oh Goody, more League bashing!! Was there another point to your post? I believe it has eluded me if there was.

If at all possible, I hope you have a joyous Holiday Season....73, Howard

WA2AFD  
haf47@juno.com

On Tue, 2 Dec 1997 08:42:42 -0600 (CST) Jack Bryant  
<Jack.Bryant@math.tamu.edu> writes:  
>Gang,  
>  
>On Friday 14 Nov I ordered books, two from Kanga by email and one from  
>ARRL by their web page. Paid for both orders by credit card. The  
>same day I received this reply from Kanga:  
>>  
>>Jack - QSL the order - both books will be in the mail Sat. AM  
>>  
>>mni tnx!  
>>73 - Bill - N8ET  
>>Kanga US  
>The order was here in Texas before noon Monday! Bill didn't even  
>charge  
>me for shipping. Great service.  
>

>The ARRL order arrived today (2 Dec). \$5 shipping. Not bad, but no  
>cigarro!

>  
> -Jack W5TFB  
>  
>  
>

-----  
Date: Wed, 3 Dec 1997 18:06:25 -0500  
From: "W2MY & W2MBY" <n2mnn@spacegate.com>  
To: "QRP-L Post" <QRP-L@Lehigh.EDU>  
Subject: [31836] Wrong Freq. for Sat. N/T Fox!  
Message-ID: <01bd0040\$1421ac60\$4b98e4d0@n2mnn.spacegate.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry Guys about the frequency. My Extra Class Dad did a typo. (The last  
time I dictate to him!) The correct frequency is 7.1425, as usual.

Also remember this is instead of my Friday night slot which I can't make.

So its Saturday, December 6th, 23:00 to 01:00 UTC. Frequency: 7.1425 + or -  
2 kHz. The location is NNJ, antenna is a vert 40M loop, and power will be 5  
Watts.

Sri and 72,

John, W2MBY

-----  
Date: Wed, 03 Dec 1997 18:27:37 -0500  
From: "Ed Hare, W1RFI" <ehare@arrl.org>  
To: qrp-l@Lehigh.EDU  
Subject: [31837] FCC RF Exposure Regulations and the QRPer  
Message-ID: <3485EAE9.31D5@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

So, are all us QRP types feeling pretty good that the power levels we use are at least 10 dB below the minimum power level that would require that we evaluate our stations? :-)

Acutally, I ran an evaluation model of a 3-element Yagi at 40 feet, using the same NEC4 model ARRL used to create the antenna-over-ground graphs in the FCC's Amateur Supplement to OET 65 (the FCC info on how to evaluate). When I plunked in my 10 milliwatt transmitter power, it told me that uncontrolled/general public exposure was at the limit for up to 0.107 feet from the front of the Yagi if the general public were 40 feet in the air in front of the antenna. :-) At 5 watts, the distance increased to 1.5 feet.

Exposure on the ground, first story or second story below the antenna didn't even come close.

Another facet of the joy of QRP!

72, Ed Hare, W1RFI

-----  
Date: Wed, 3 Dec 1997 16:43:43 -0700  
From: "Steve Hurst" <shurst@magiclink.com>  
To: <kreinbd@ccgate.dl.nec.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [31838] Re: DIPOLE IS WORKING  
Message-ID: <199712032343.SAA247532@nss4.cc.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

-----David Kreinberg wrote, in part....-----  
> Gang,  
>  
> Never leave your feedline (be it coax/twinlead/  
> ladder line) connected to your rig when not  
> in use. I echo that thought - I always disconnect  
> my feedlines from the tuner when my station is  
> idle. Figure that's pretty cheap insurance from  
> blowing up the rig :-)  
>  
> Thanks, folks

>  
> 73 de Dave NR3E/5  
> nr Dallas, TX  
> qrp-l #25  
>

Here's a question that I've always wondered about . Lets say I have disconnected my coax from the rig. What happens now if I get a lightning strike ? With the coax laying on the floor of the shack ? It would be best to disconnect it at the antenna , no? Or at least before it comes inside the house. Anyone ever taken a hit with the coax disconnected inside the shack and the coax on the floor ? Tnx.....

73,  
Steve Hurst  
KA7NOC ( southern Idaho )  
<http://www.magiclink.com/web/shurst>  
[shurst@magiclink.com](mailto:shurst@magiclink.com)

-----  
Date: Wed, 3 Dec 1997 16:47:45 -0700 (MST)  
From: Paul Harden <[p Harden@aoC.nrao.edu](mailto:p Harden@aoC.nrao.edu)>  
To: Bill Kelsey - N8ET - Kanga US <[kanga@mail.bright.net](mailto:kanga@mail.bright.net)>  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [31839] Kanga QRP Book arrived  
Message-ID: <[Pine.SOL.3.91.971203163106.11678A-1000000@zia](mailto:Pine.SOL.3.91.971203163106.11678A-1000000@zia)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 3 Dec 1997, Bill Kelsey - N8ET - Kanga US wrote:

> The books arrived late yesterday afternoon - They are being shipped  
> Priority Mail today.

> Kanga US  
> 3521 Spring Lake Dr.  
> Findlay, OH 45840  
> 73 - Bill - N8ET  
> [kanga@mail.bright.net](mailto:kanga@mail.bright.net)  
> <http://www.bright.net/~kanga/>  
> 419-423-4604

Well I didn't get the "QRP Power Book" deal from Bill, but I did order and received today the "G-QRP Club Circuit Handbook." What a neat book full of projects, highlights from previous issues of SPRAT's. Covers receivers, xmtrs, transceivers and various test equipment. Some of the rigs are NE602/SBL-1 mixer types, but many of the circuits are discrete transistors only (2N2222 equivalents) or with common FET's. Some of the projects are illustrated to show how to build ugly, and many of them show how to wind the coils on homemade coil forms, etc. (not toroids). Kinda interesting to see how things are done back in the "old country," some of it rather clever.

Anyway, if you like to browse through circuits and get some good ideas for the 2N2 thingie, I would recommend the G-QRP Circuit Book from Kanga.

Have no stock in Kanga, etc.

72, Paul NA5N

PS - Bill, the Lamborghini arrived today ... thanks.  
(For the humor impaired ... I'm kidding!)

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End of QRP-L Digest 928  
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